

SHEET #	REV.	DATE	NOTES
I	G	10.02.12	212S DETAIL PARTS REVISIONS LIST PAGE 1
II	G	10.02.12	212S DETAIL PARTS REVISIONS LIST PAGE 2
III	G	10.02.12	212S DETAIL PARTS REVISIONS LIST PAGE 3
IV	G	10.02.12	212S DETAIL PARTS REVISIONS LIST PAGE 4
V	G	10.02.12	212S DETAIL PARTS REVISIONS LIST PAGE 5
VI	G	10.02.12	212S DETAIL PARTS REVISIONS LIST PAGE 6
VII	G	10.02.12	212S DETAIL PARTS REVISIONS LIST PAGE 7
VIII	G	10.02.12	212S DETAIL PARTS REVISIONS LIST PAGE 8
IX	G	10.02.12	212S DETAIL PARTS REVISIONS LIST PAGE 9
X	G	10.02.12	212S DETAIL PARTS REVISIONS LIST PAGE 10
XI	G	10.02.12	212S DETAIL PARTS REVISIONS LIST PAGE 11
XII	G	10.02.12	212S DETAIL PARTS REVISIONS LIST PAGE 12
XIII	G	10.02.12	212S DETAIL PARTS REVISIONS LIST PAGE 13
XIV	G	10.02.12	212S DETAIL PARTS REVISIONS LIST PAGE 14
1	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
	E	08.09.17	NO CHANGE
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
2	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
	E	08.09.17	NO CHANGE
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
3	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
	E	08.09.17	NO CHANGE
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
4	A	06.12.08	NEW ISSUE
	B	07.05.11	UPDATE MATERIAL & GRAIN DIRECTION
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
	E	08.09.17	NO CHANGE
	F	09.02.02	NO CHANGE
	G	10.02.12	REFORMAT DRAWING TO CURRENT STANDARDS; ADD CRITICAL PART NOTE (ZN B3-4; ADD B/N A8-4); ADD SWAGE/STAKE NOTE 9 (A8-4); ADD DIMENSIONS (ZN B6-4, C5-4)
5	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	NO CHANGE
	D	08.03.14	D212-725-1-009 MOVE TO SHEET 64 & REDESIGN

RELEASED

10.03.31

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	RF	
CHECKED	<i>MP</i>	DRAWING NO. REV. G
MFG. APPR.	<i>gd</i>	D212-725-1 SHEET I OF XIV
APPROVED	<i>MP</i>	TITLE SCALE
DE APPR.	<i>MP</i>	212S DETAIL PARTS NTS
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SHEET #	REV.	DATE	NOTES
	E	08.09.17	NO CHANGE
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
6	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
	E	08.09.17	NO CHANGE
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
7	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	10.13 WAS 10.50 & 10.88; ADD DIMENSION 12.50 & 5.15
	D	08.03.14	NO CHANGE
	E	08.09.17	NO CHANGE
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
8	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	REMOVED ONE Ø1.950; MOVE Ø1.500 POSITION
	D	08.03.14	NO CHANGE
	E	08.09.17	NO CHANGE
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
9	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	INSTRUMENTS RE-LOCATED
	D	08.03.14	NO CHANGE
	E	08.09.17	NO CHANGE
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
10	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
	E	08.09.17	NO CHANGE
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
11	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
	E	08.09.17	NO CHANGE
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
12	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE

RELEASED

10.03.31

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	RF	
CHECKED	<i>RF</i>	DRAWING NO. REV. G
MFG. APPR.	<i>RF</i>	D212-725-1 SHEET II OF XIV
APPROVED	<i>RF</i>	TITLE SCALE
DE APPR.	<i>RF</i>	212S DETAIL PARTS NTS
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SHEET #	REV.	DATE	NOTES
	E	08.09.17	NO CHANGE
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
13	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
	E	08.09.17	NO CHANGE
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
14	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
	E	08.09.17	NO CHANGE
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
15	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
	E	08.09.17	NO CHANGE
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
16	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
	E	08.09.17	NO CHANGE
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
17	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
	E	08.09.17	NO CHANGE
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
18	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
	E	08.09.17	NO CHANGE
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
19	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE

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10.03.31

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	RF	
CHECKED	<i>[Signature]</i>	DRAWING NO. REV. G
MFG. APPR.	<i>[Signature]</i>	D212-725-1 SHEET III OF XIV
APPROVED	<i>[Signature]</i>	TITLE SCALE
DE APPR.	<i>[Signature]</i>	212S DETAIL PARTS NTS
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SHEET #	REV.	DATE	NOTES
	E	08.09.17	NO CHANGE
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
20	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
	E	08.09.17	NO CHANGE
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
21	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
	E	08.09.17	NO CHANGE
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
22	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
	E	08.09.17	NO CHANGE
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
23	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
	E	08.09.17	NO CHANGE
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
24	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
	E	08.09.17	NO CHANGE
	F	09.02.02	GENERAL UPDATE TO NOTES; REVISED FINISHING NOTE; ADD NOTE Ø0.129 & Ø0.191 HOLES FOR REF. ONLY, TRANSFER HOLES FROM AIRCRAFT FOR D212-725-1-055/-057/-059; ADD GRAIN DIRECTION TO -057F (ZN A8-24, D5-24, D1-24, A1-24; C1-24)
	G	10.02.12	NO CHANGE
25	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
	E	08.09.17	1.85 WAS 1.59 (ZN B7); Ø0.080 WAS Ø0.063 (ZN C3); ADD BEND LINES
	F	09.02.02	NO CHANGE

RELEASED

10.03.31

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	RF	
CHECKED	<i>[Signature]</i>	DRAWING NO. REV. G
MFG. APPR.	<i>[Signature]</i>	D212-725-1 SHEET IV OF XIV
APPROVED	<i>[Signature]</i>	TITLE SCALE
DE APPR.	<i>[Signature]</i>	212S DETAIL PARTS NTS
DATE	10.02.12	COPYRIGHT © 2006 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>

SHEET #	REV.	DATE	NOTES
	G	10.02.12	NO CHANGE
26	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
	E	08.09.17	NO CHANGE
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
27	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
	E	08.09.17	NO CHANGE
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
28	A	06.12.08	NEW ISSUE
	B	07.05.11	ADD NOTE FABRICATE FROM SS
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
	E	08.09.17	FOR D212-725-1-071 DIM. 14.42 WAS 13.55, 31.12 WAS 30.05 & 17.69 WAS 16.81
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
29	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
	E	08.09.17	NO CHANGE
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
30	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
	E	08.09.17	NO CHANGE
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
31	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
	E	08.09.17	NO CHANGE
	F	09.02.02	REVISED FINISHING NOTE FOR -095/-097/-099/-101; REVISED DIMENSION TO TWO DECIMAL PLACES, ADDED BEND LINES TO -81F, & REVISED SPEC FOR D212-725-1-081; ADD PROJECTION VIEW FOR -095 & -099; (ZN A6-31, B6-31, C7-31, D7-31, C6-31, A3-31; B4-31, B1-31)
	G	10.02.12	0.13 x 45° WAS R0.13 (ZN C5-31, C3-31); REVISE FINISHING NOTE FOR -095/-097/-099/-101 (ZN B6-31, A6-31)

RELEASED
 10.03.31

DESIGN	RF	DART AEROSPACE LTD	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. G
MFG. APPR.	<i>[Signature]</i>	D212-725-1	SHEET V OF XIV
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	212S DETAIL PARTS	NTS
DATE	10.02.12	COPYRIGHT © 2006 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

SHEET #	REV.	DATE	NOTES
32	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	0.040 WAS 0.050; 6.69 WAS 6.29; ADD NOTE
	D	08.03.14	NO CHANGE
	E	08.09.17	REMOVE D212-725-1-108 FROM NOTE (ZN A8)
	F	09.02.02	REVISED FINISHING NOTE FOR -083/-084/-085/-107; REVISED DIMENSIONS TO TWO DECIMAL PLACES; ADDED JOGGLE NOTE TO -083/-084; ADDED BEND LINES TO -083F/-085F/-107F (ZN A8-32, B3-32; B7-32, D6-32, D3-32, C1-31)
	G	10.02.12	NO CHANGE
33	A	06.12.08	NEW ISSUE
	B	07.05.11	D212-725-1-919 WAS D212-725-1-921
	C	07.12.04	MATERIAL CHANGE ON D212-725-1-089
	D	08.03.14	NO CHANGE
	E	08.09.17	NO CHANGE
	F	09.02.02	REVISED SPEC FOR D212-725-1-089/-091; UPDATED NOTE (ZN C8-33, B5-33)
	G	10.02.12	NO CHANGE
34	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	CORRECTED DIMENSIONS TO TEMPLATE
	D	08.03.14	NO CHANGE
	E	08.09.17	NO CHANGE
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
35	A	06.12.08	NEW ISSUE
	B	07.05.11	ADD CAD PLATE
	C	07.12.04	ADDED Ø0.313 & Ø0.250, ISO VIEW TO D212-725-1-109/-110; CLARIFY TOLERANCES
	D	08.03.14	NO CHANGE
	E	08.09.17	NO CHANGE
	F	09.02.02	REMOVED PRIME & PAINT FROM NOTES (ZN A8-35)
	G	10.02.12	NO CHANGE
36	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
	E	08.09.17	NO CHANGE
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
37	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
	E	08.09.17	NO CHANGE
	F	09.02.02	REVISED FINISHING NOTE; REMOVED HOLES FROM FLAT PATTERN & ADD GRAIN DIRECTION; ADD NOTE TO DRILL & INSTALL NUTPLATE; ADD DIMENSION FOR BEND LINES (ZN A8-37, A7-37, A2-37, C5-37)

RELEASED

10.03.31

DESIGN	RF	DART AEROSPACE LTD	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. G
MFG. APPR.	<i>[Signature]</i>	D212-725-1	SHEET VI OF XIV
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	212S DETAIL PARTS	NTS
DATE	10.02.12	COPYRIGHT © 2006 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

SHEET #	REV.	DATE	NOTES
	G	10.02.12	NO CHANGE
38	A	N/A	N/A
	B	07.05.11	ADDED D212-725-1-119/-120
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
	E	08.09.17	NO CHANGE
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
39	A	N/A	N/A
	B	07.05.11	ADD D212-725-1-121/-921
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
	E	08.09.17	NO CHANGE
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
40	A	N/A	N/A
	B	07.05.11	ADD D212-725-1-123
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
	E	08.09.17	NO CHANGE
	F	09.02.02	GENERAL UPDATE TO NOTES; REVISED FINISHING NOTE; DWG RE-ORGANIZED (ZN A8-40, B2-40)
	G	10.02.12	NO CHANGE
41	A	N/A	N/A
	B	07.05.11	ADDED D212-725-1-125/-127/-129/-923
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
	E	08.09.17	20 GAUGE WAS 19 GAUGE (ZN A7-41); UPDATE NOTES (ZN A8-41 & B4-41)
	F	09.02.02	GENERAL UPDATE TO NOTES; ADD NOTE TO TRANSFER Ø0.250 HOLES FROM FIRE EXTINGUISHER BOTTLE; REMOVE Ø0.250 HOLES FROM FLAT PATTERN; MS20615-4M WAS MS20427M4, CORRECT MATERIAL SPECIFICATION (ZN A8-41, D8-41, C4-41, D7-41)
	G	10.02.12	ADDED APPLY P/N NOTE (ZN A8-41); ADDED FLAT PATTERN NOTES (ZN A8-41, A4-41, C1-41); REVISED DIMENSIONS TO TWO DECIMAL PLACES (ZN C7-41, B5-41, C2-41, B1-41), ADDED THICKNESS DIMENSION (ZN B7-41, B3-41, D1-41)
42	A	N/A	N/A
	B	07.05.11	ADDED D212-725-1-131/-925
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
	E	08.09.17	NO CHANGE
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
43	A	N/A	N/A
	B	07.05.11	ADDED D212-725-1-133
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE

RELEASED

10-03-21

DESIGN	RF	DART AEROSPACE LTD	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>RF</i>	DRAWING NO.	REV. G
MFG. APPR.	<i>RF</i>	D212-725-1	SHEET VII OF XIV
APPROVED	<i>RF</i>	TITLE	SCALE
DE APPR.	<i>RF</i>	212S DETAIL PARTS	NTS
DATE	10.02.12	COPYRIGHT © 2006 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

SHEET #	REV.	DATE	NOTES
	E	08.09.17	NO CHANGE
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
44	A	N/A	N/A
	B	07.05.11	ADDED D212-725-1-135
	C	07.12.04	NO CHANGE
	D	08.03.14	ADDED D212-725-1-193
	E	08.09.17	NO CHANGE
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
45	A	N/A	N/A
	B	N/A	N/A
	C	07.12.04	ADDED D212-725-1-137/-927
	D	08.03.14	NO CHANGE
	E	08.09.17	NO CHANGE
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
46	A	06.12.08	N/A
	B	07.05.11	N/A
	C	07.12.04	ADDED D212-725-1-139/-931
	D	08.03.14	NO CHANGE
	E	08.09.17	NO CHANGE
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
47	A	N/A	N/A
	B	N/A	N/A
	C	07.12.04	ADDED D212-725-1-141/-143
	D	08.03.14	NO CHANGE
	E	08.09.17	NO CHANGE
	F	09.02.02	ADD NOTE #8, Ø0.206 HOLES FOR REFERENCE ONLY; REVISED SPEC (ZN A4-47, B5-47, B2-47)
	G	10.02.12	NO CHANGE
48	A	N/A	N/A
	B	N/A	N/A
	C	07.12.04	ADDED D212-725-145/-147
	D	08.03.14	Ø2.25 WAS Ø2.50
	E	08.09.17	NO CHANGE
	F	09.02.02	NO CHANGE
	G	10.02.12	REVISE VIEW (ZN C5-48); 1.91 WAS 1.90 (ZN C8-48); 1.59 WAS 1.60 (ZN C8-48); ADD 78° (ZN C7-48)
49	A	N/A	N/A
	B	N/A	N/A
	C	07.12.04	ADDED D212-725-1-929
	D	08.03.14	UPDATE D212-725-1-147
	E	08.09.17	NO CHANGE
	F	09.02.02	ADD NOTE #8, HOLES TRANSFERRED FROM AIRCRAFT (ZN A8-49)
	G	10.02.12	NO CHANGE
50	A	N/A	N/A

RELEASED

10-03-31

DESIGN	RF	DART AEROSPACE LTD	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. G
MFG. APPR.	<i>[Signature]</i>	D212-725-1	SHEET VIII OF XIV
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	212S DETAIL PARTS	NTS
DATE	10.02.12	COPYRIGHT © 2006 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

SHEET #	REV.	DATE	NOTES
	B	N/A	N/A
	C	N/A	N/A
	D	08.03.14	ADDED D212-725-1-149
	E	08.09.17	FLIP FLAT PATTERN (ZN B5)
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
51	A	N/A	N/A
	B	N/A	N/A
	C	N/A	N/A
	D	08.03.14	ADDED D212-725-1-151
	E	08.09.17	FLIP FLAT PATTERN; 10.25 WAS 9.25 (ZN C5); 9.00 WAS 8.00 (ZN C5); 8.35 WAS 7.35 (ZN C5)
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
52	A	N/A	N/A
	B	N/A	N/A
	C	N/A	N/A
	D	08.03.14	ADDED D212-725-1-153/-155
	E	08.09.17	REDRAW D212-725-1-153 ANGLE & FLAT PATTERN
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
53	A	N/A	N/A
	B	N/A	N/A
	C	N/A	N/A
	D	08.03.14	ADDED D212-725-1-157
	E	08.09.17	FLIP FLAT PATTERN (ZN B4)
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
54	A	N/A	N/A
	B	N/A	N/A
	C	N/A	N/A
	D	08.03.14	ADDED D212-725-1-159/-161
	E	08.09.17	NO CHANGE
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
55	A	N/A	N/A
	B	N/A	N/A
	C	N/A	N/A
	D	08.03.14	ADDED D212-725-1-163/-167
	E	08.09.17	CORRECTED FLAT PATTERN & VIEWS FOR D212-725-1-163 (ZN D7 & C7); AND FOR D212-725-1-167 (ZN D3 & B3)
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
56	A	N/A	N/A
	B	N/A	N/A
	C	N/A	N/A
	D	08.03.14	ADDED D212-725-1-165/-179
	E	08.09.17	REDRAW D212-725-1-165/-165F (ZN D6 & B6)
	F	09.02.02	NO CHANGE

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10.03.31

DESIGN	RF	DART AEROSPACE LTD	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>RF</i>	DRAWING NO.	REV. G
MFG. APPR.	<i>RF</i>	D212-725-1	SHEET IX OF XIV
APPROVED	<i>RF</i>	TITLE	SCALE
DE APPR.	<i>RF</i>	212S DETAIL PARTS	NTS
DATE	10.02.12	COPYRIGHT © 2006 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

SHEET #	REV.	DATE	NOTES
	G	10.02.12	NO CHANGE
57	A	N/A	N/A
	B	N/A	N/A
	C	N/A	N/A
	D	08.03.14	ADDED D212-725-1-171/-173
	E	08.09.17	UPDATE DIMENSIONS FOR D212-725-1-173/-173F (ZN D3 & B3)
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
58	A	N/A	N/A
	B	N/A	N/A
	C	N/A	N/A
	D	08.03.14	ADDED D212-725-1-169
	E	08.09.17	FLIP FLAT PATTERN & REDRAW VIEWS (ZN C3 & D7)
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
59	A	N/A	N/A
	B	N/A	N/A
	C	N/A	N/A
	D	08.03.14	ADDED D212-725-1-175/-176
	E	08.09.17	NO CHANGE
	F	09.02.02	REVISED FINISHING NOTE, REMOVE HOLES; ADD FLAT PATTERN; REMOVED SHADING FROM ISO VIEW (ZN A8-59, B4-59; C1-59)
	G	10.02.12	NO CHANGE
60	A	N/A	N/A
	B	N/A	N/A
	C	N/A	N/A
	D	08.03.14	ADDED D212-725-1-177/-178/-187/-189/-191
	E	08.09.17	NO CHANGE
	F	09.02.02	REVISED FINISHING NOTE FOR -177/-178/-187/-189/-191; REMOVED HOLES & ADD FLAT PATTERN FOR D212-725-1-177 (ZN B7-60, A6-60); REMOVE HOLES FOR D212-725-1-187/-189/-191 (ZN A8-60, B3-60, B4-60, D2-60, B2-60)
	G	10.02.12	NO CHANGE
61	A	N/A	N/A
	B	N/A	N/A
	C	N/A	N/A
	D	08.03.14	ADDED D212-725-1-181
	E	08.09.17	NO CHANGE
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
62	A	N/A	N/A
	B	N/A	N/A
	C	N/A	N/A
	D	08.03.14	ADDED D212-725-1-183/-184
	E	08.09.17	FLIP FLAT PATTERN & REDRAWN VIEWS (ZN D5, C5 & B5)
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE

RELEASED

10.03.31

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	RF	
CHECKED	<i>[Signature]</i>	DRAWING NO. REV. G
MFG. APPR.	<i>[Signature]</i>	D212-725-1 SHEET X OF XIV
APPROVED	<i>[Signature]</i>	TITLE SCALE
DE APPR.	<i>[Signature]</i>	212S DETAIL PARTS NTS
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SHEET #	REV.	DATE	NOTES
63	A	N/A	N/A
	B	N/A	N/A
	C	N/A	N/A
	D	08.03.14	ADDED D212-725-1-185
	E	08.09.17	NO CHANGE
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
64	A	N/A	N/A
	B	N/A	N/A
	C	N/A	N/A
	D	08.03.14	RELOCATED D212-725-1-009 & REDESIGN
	E	08.09.17	NO CHANGE
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
65	A	N/A	N/A
	B	N/A	N/A
	C	N/A	N/A
	D	08.03.14	ADDED D212-725-1-195
	E	08.09.17	NO CHANGE
	F	09.02.02	REVISED FINISHING NOTE; ADD NOTE TO TRANSFER Ø0.213 HOLES FROM AIRCRAFT & REMOVED HOLES FROM FLAT PATTERN; ADD ISO VIEW (ZN A8-65, C5-65, A3-65, D5-65 & D8-65)
	G	10.02.12	ADD DIMENSIONS (ZN C8-65, B7-65); REVISE FINISHING NOTE
66	A	N/A	N/A
	B	N/A	N/A
	C	N/A	N/A
	D	08.03.14	ADDED D212-725-1-197/-201/-202
	E	08.09.17	NO CHANGE
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
67	A	N/A	N/A
	B	N/A	N/A
	C	N/A	N/A
	D	08.03.14	ADDED D212-725-1-199/-933
	E	08.09.17	NO CHANGE
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
68	A	N/A	N/A
	B	N/A	N/A
	C	N/A	N/A
	D	N/A	N/A
	E	08.09.17	ADDED D212-725-1-203/-935
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
69	A	N/A	N/A
	B	N/A	N/A
	C	N/A	N/A

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10.03.31

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	RF	
CHECKED	<i>[Signature]</i>	DRAWING NO. REV. G
MFG. APPR.	<i>[Signature]</i>	D212-725-1 SHEET XI OF XIV
APPROVED	<i>[Signature]</i>	TITLE SCALE
DE APPR.	<i>[Signature]</i>	212S DETAIL PARTS NTS
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SHEET #	REV.	DATE	NOTES
	D	N/A	N/A
	E	08.09.17	ADDED D212-725-1-205
	F	09.02.02	NO CHANGE
	G	10.02.12	REFORMAT DRAWING TO CURRENT STANDARDS; Ø2.828 WAS Ø2.812 (ZN B7-69); Ø2.265 WAS Ø2.250 (ZN C7-69); Ø1.965 WAS Ø1.950 (ZN D3-69); Ø3.165 WAS Ø3.150 (ZN C3-69); ADD Ø2.265 HOLE FOR LOADMETER (ZN C3-69)
70	A	N/A	N/A
	B	N/A	N/A
	C	N/A	N/A
	D	N/A	N/A
	E	08.09.17	ADDED D212-725-1-207
	F	09.02.02	NO CHANGE
	G	10.02.12	REFORMAT DRAWING TO CURRENT STANDARDS; Ø0.635 WAS Ø0.630 (ZN D4-70); Ø1.965 WAS Ø1.950 (ZN D3-70)
71	A	N/A	N/A
	B	N/A	N/A
	C	N/A	N/A
	D	N/A	N/A
	E	08.09.17	ADDED D212-725-1-209
	F	09.02.02	NO CHANGE
	G	10.02.12	REFORMAT DRAWING TO CURRENT STANDARDS; Ø2.828 WAS Ø2.812 (ZN C3-70); Ø2.265 WAS Ø2.250 (ZN C3-70); Ø1.965 WAS Ø1.950 (ZN D6-1); Ø3.165 WAS Ø3.150 (ZN B4-70)
72	A	N/A	N/A
	B	N/A	N/A
	C	N/A	N/A
	D	N/A	N/A
	E	08.09.17	ADDED D212-725-1-211
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
73	A	N/A	N/A
	B	N/A	N/A
	C	N/A	N/A
	D	N/A	N/A
	E	08.09.17	ADDED D212-725-1-213/-937
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
74	A	N/A	N/A
	B	N/A	N/A
	C	N/A	N/A
	D	N/A	N/A
	E	08.09.17	ADDED D212-725-1-939
	F	09.02.02	ADD NOTE #4, TRIM -225 TO FIT -215; ADD ITEM NUMBER (ZN A8-74, C8-74, C3-74)
	G	10.02.12	NO CHANGE

RELEASED

10.03.31

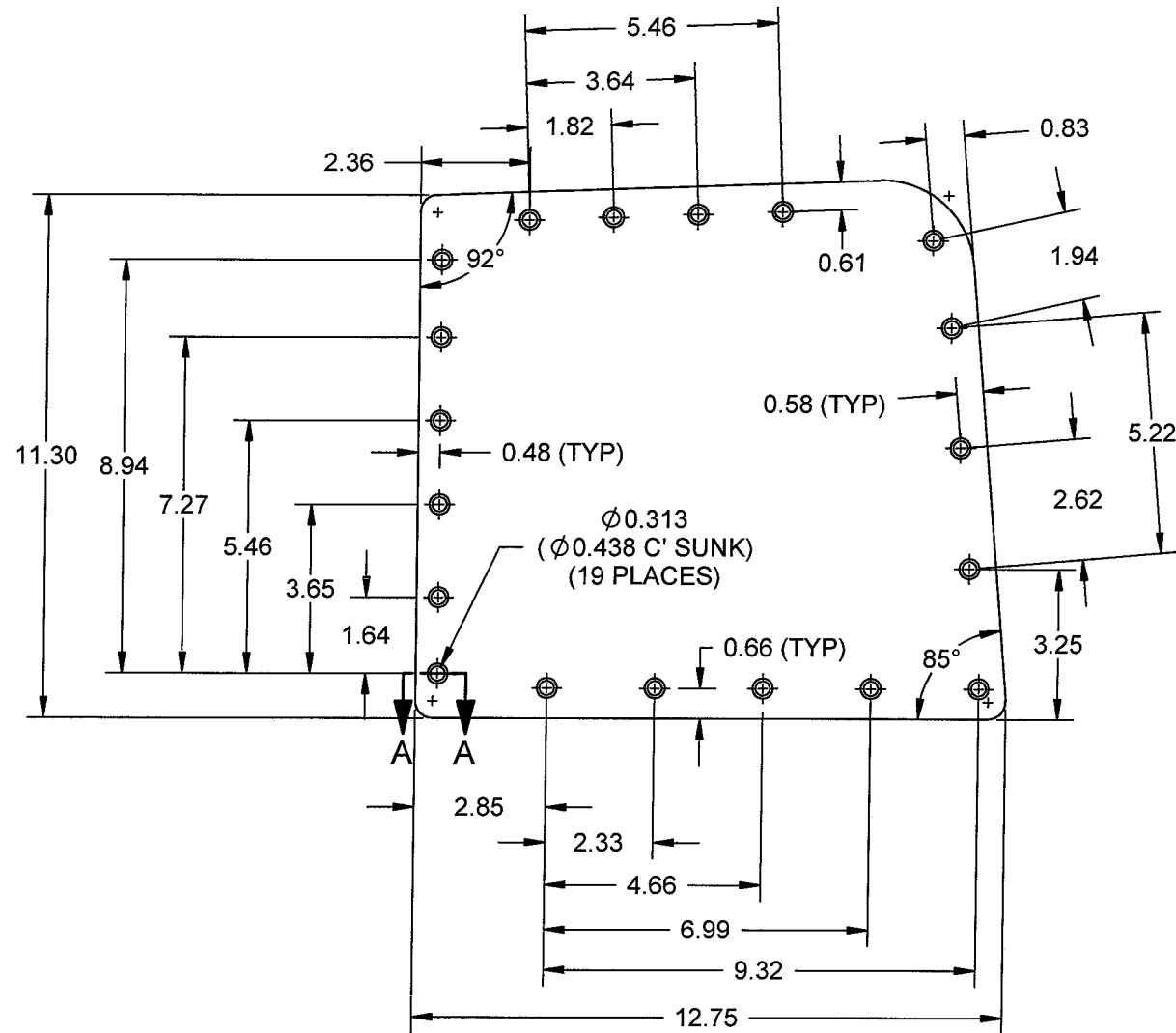
DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	RF	
CHECKED	<i>[Signature]</i>	DRAWING NO. REV. G
MFG. APPR.	<i>[Signature]</i>	D212-725-1 SHEET XII OF XIV
APPROVED	<i>[Signature]</i>	TITLE SCALE
DE APPR.	<i>[Signature]</i>	212S DETAIL PARTS NTS
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SHEET #	REV.	DATE	NOTES
75	A	N/A	N/A
	B	N/A	N/A
	C	N/A	N/A
	D	N/A	N/A
	E	08.09.17	ADDED D212-725-1-215
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
76	A	N/A	N/A
	B	N/A	N/A
	C	N/A	N/A
	D	N/A	N/A
	E	08.09.17	ADDED D212-725-1-217
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
77	A	N/A	N/A
	B	N/A	N/A
	C	N/A	N/A
	D	N/A	N/A
	E	08.09.17	ADDED D212-725-1-219
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
78	A	N/A	N/A
	B	N/A	N/A
	C	N/A	N/A
	D	N/A	N/A
	E	08.09.17	ADDED D212-725-1-223/221
	F	09.02.02	NO CHANGE
	G	10.02.12	NO CHANGE
79	A	N/A	N/A
	B	N/A	N/A
	C	N/A	N/A
	D	N/A	N/A
	E	08.09.17	ADDED D212-725-1-225
	F	09.02.02	RE-DESIGN D212-725-1-225 (ZN C4-79)
	G	10.02.12	NO CHANGE
80	A	N/A	N/A
	B	N/A	N/A
	C	N/A	N/A
	D	N/A	N/A
	E	08.09.17	ADDED D212-725-1-227
	F	09.02.02	ADDED D212-725-1-235/237
	G	10.02.12	0.050 WAS 0.020 (ZN D6-80, A8-80); ADD DIMENSIONS (ZN B8-80, B6-80)
81	A	N/A	N/A
	B	N/A	N/A
	C	N/A	N/A
	D	N/A	N/A
	E	08.09.17	ADDED D212-725-1-231/233
	F	09.02.02	REVISED FINISHING NOTE; RE-DESIGN D212-725-1-231

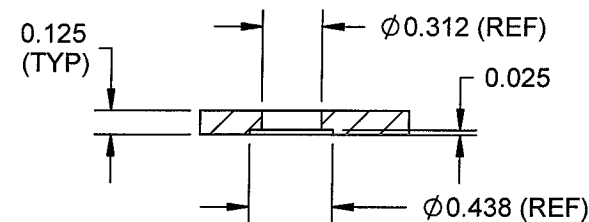
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DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. G
MFG. APPR.	<i>[Signature]</i>	D212-725-1	SHEET XIII OF XIV
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	212S DETAIL PARTS	NTS
DATE	10.02.12	COPYRIGHT © 2006 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



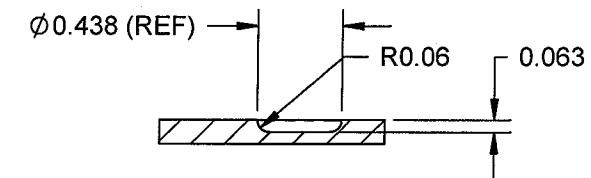
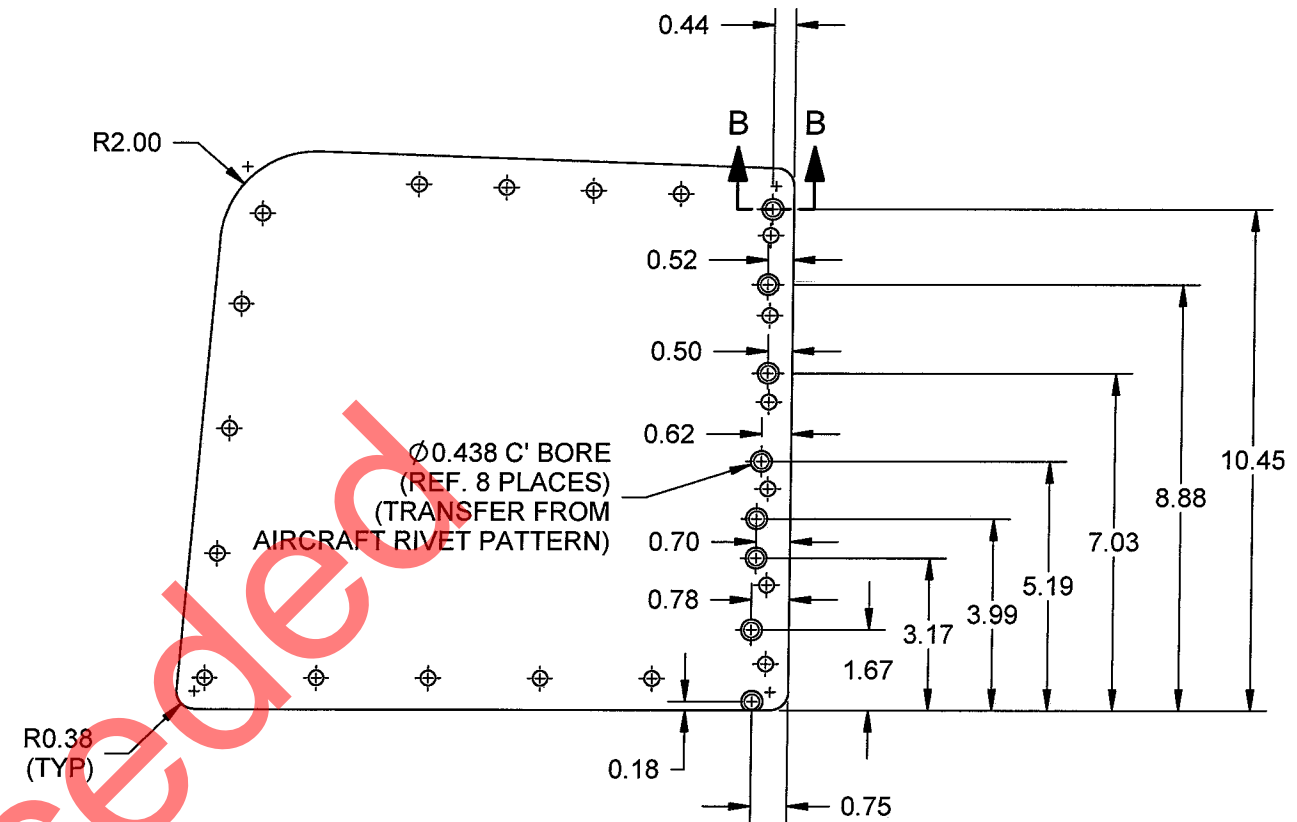
DIMENSIONS BETWEEN HOLES ARE PROVIDED FOR REFERENCE ONLY
TRANSFER Ø0.313 HOLES FROM AIRCRAFT



SECTION A-A
(19 PLACES TOP SIDE)
SCALE 1 : 1

NOTES:

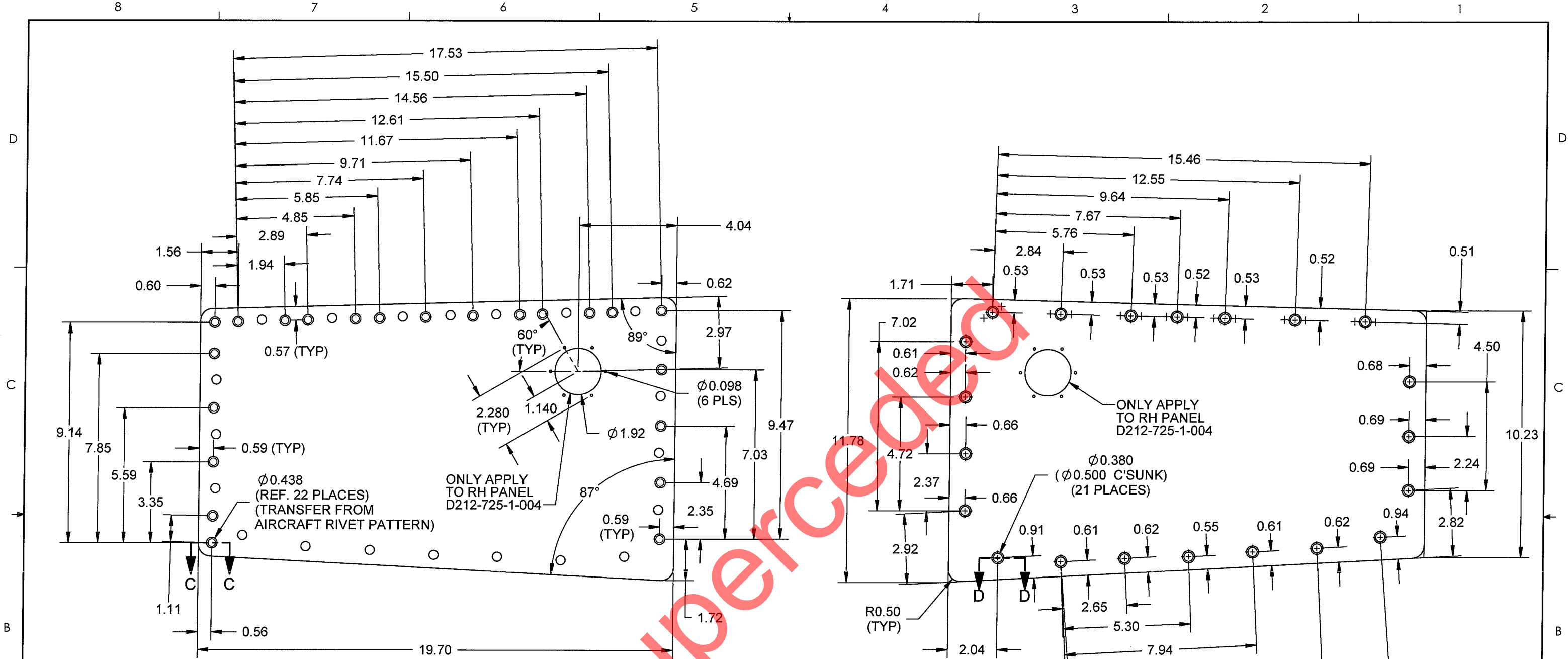
- 1) MATERIAL: 2024-T3 (QQ-A-250/4) 0.125 THICK, (REF. DART SPEC. M2024T3S.125)
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME & PAINT PER AIRCRAFT MAINTENANCE MANUAL
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 6) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER



SECTION B-B
(8 PLACES BACK SIDE)
SCALE 1 : 1

D212-725-1-001 PANEL (SHOWN)
D212-725-1-002 OPPOSITE

B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1 REV. B SHEET 1 OF 44
DATE 07.05.11	TITLE 212S DETAIL PARTS	SCALE 1:4
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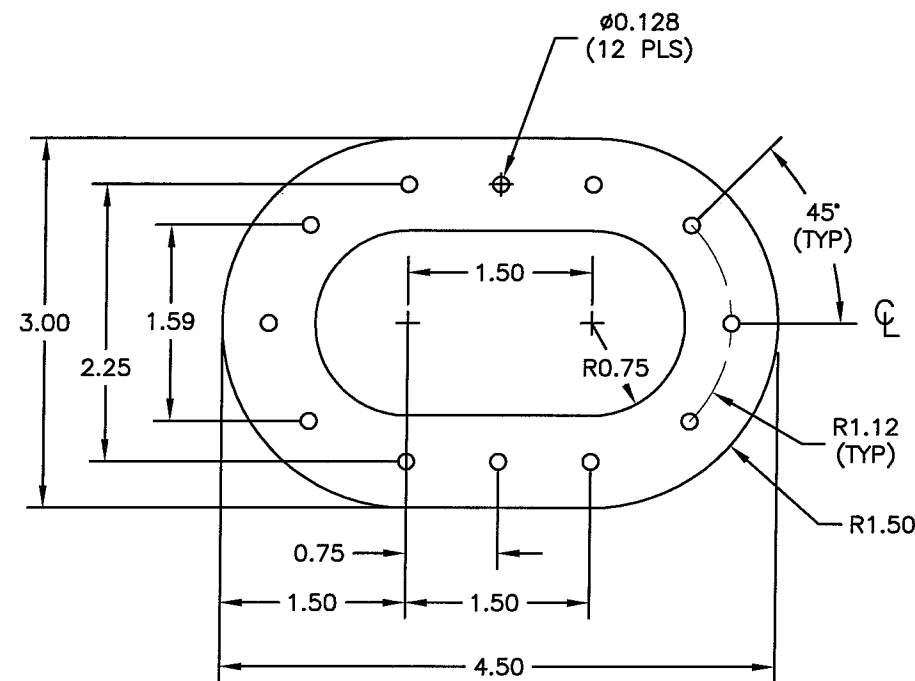


- NOTES:**
- 1) MATERIAL: 6061-T6 SHEET 0.188 THICK PER QQ-A-250/11 (REF. DART SPEC. M6061T6S0.188)
 - 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME & PAINT PER AIRCRAFT MAINTENANCE MANUAL
 - 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) ALL DIMENSIONS ARE IN INCHES
 - 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
 - 6) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

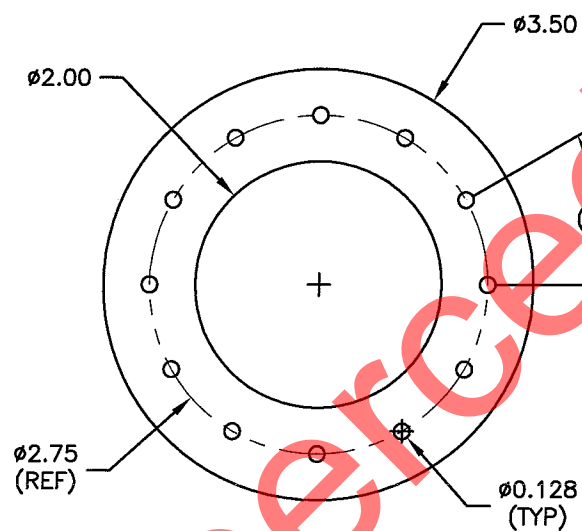
**D212-725-1-003 PANEL (SHOWN)
D212-725-1-004 OPPOSITE**

B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1
DATE 07.05.11	TITLE 212S DETAIL PARTS	REV. B SHEET 2 OF 44 SCALE 1:4

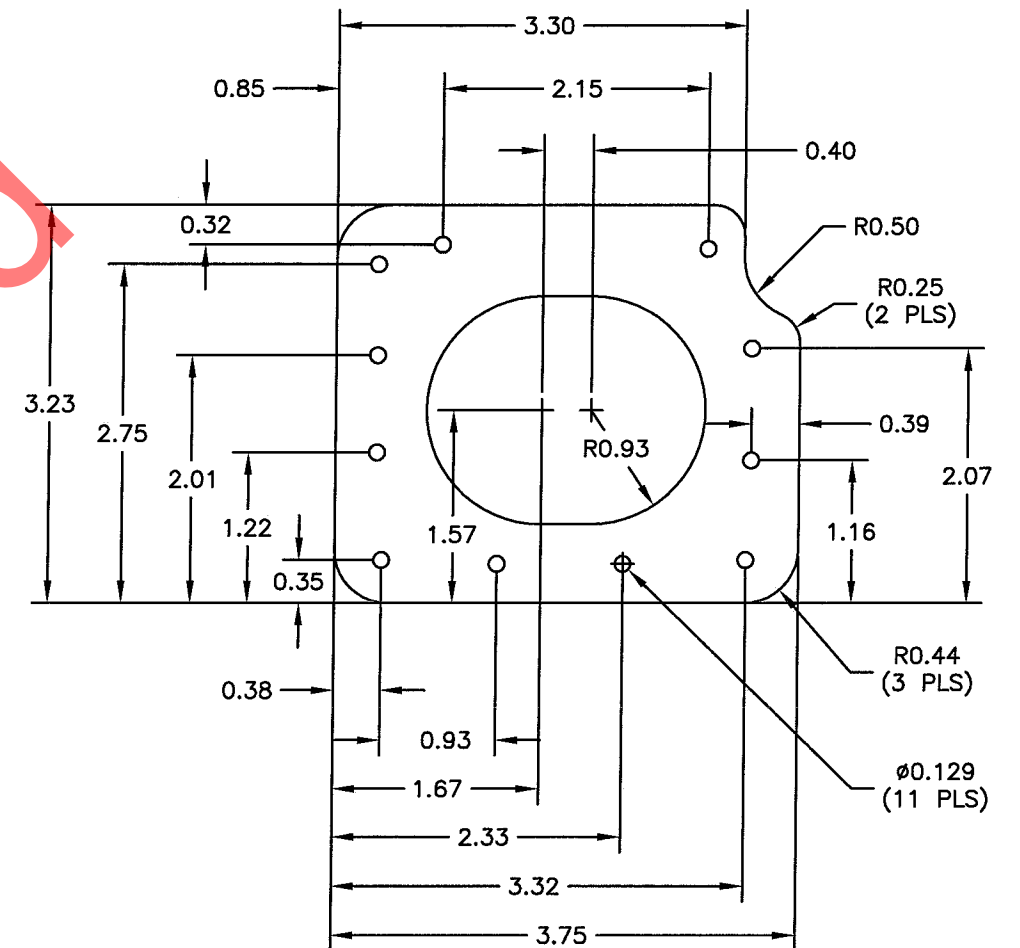
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D212-725-1-005 DOUBLER



D212-725-1-017A DOUBLER

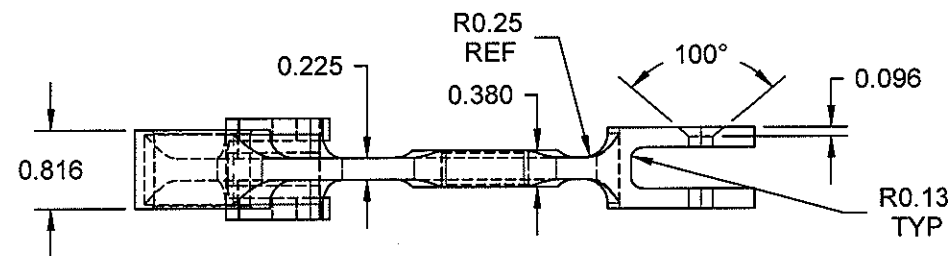


D212-725-1-017B DOUBLER

D212-725-1-005/-017A/-017B NOTES:

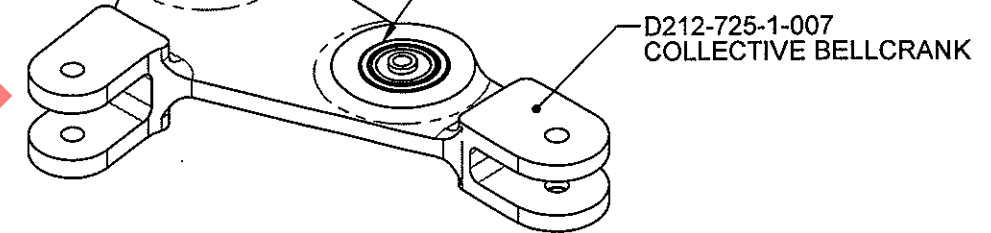
- 1) MATERIAL: 2024-T3 (QQ-A-250/4) 0.050 ALUMINUM SHEET (REF. DART SPEC. M2024T3S0.050)
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME & PAINT PER AIRCRAFT MAINTENANCE MANUAL
- 3) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 6) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN DS	DRAWN BY RF	DART DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1
DATE 07.05.11	TITLE 212S DETAIL PARTS	REV. B SHEET 3 OF 44 SCALE NTS



9
P/N 120-015-5A SLEEVE
SUITED TO FIT BEARING
P/N MS27647-5 BEARING
PRESS FIT

9
P/N 120-013-3A SLEEVE
SUITED TO FIT BEARING
P/N MS27643-3 BEARING
PRESS FIT

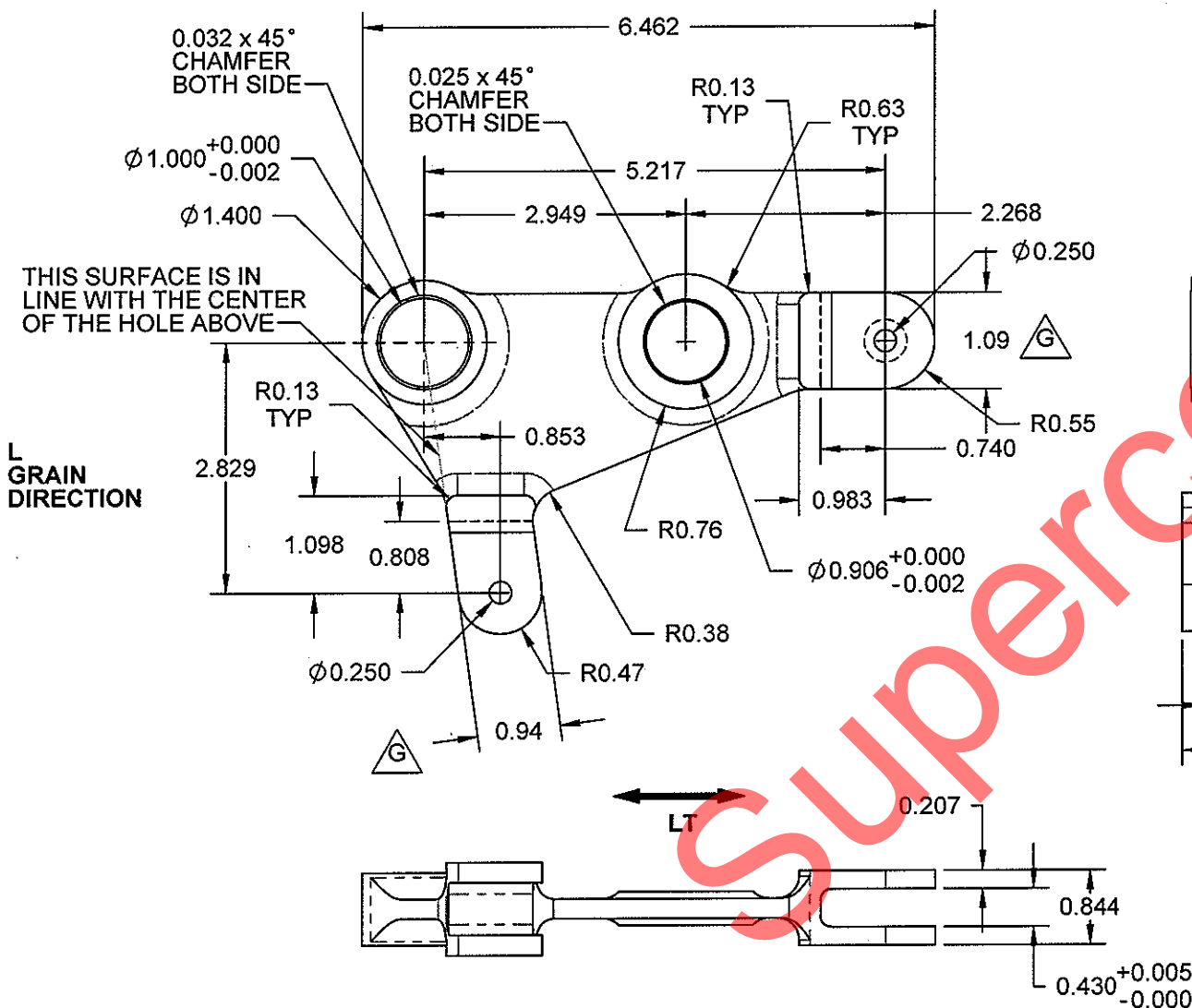


D212-725-1-901 COLLECTIVE BELLCRANK ASS'Y

CRITICAL PART
MRB DECISIONS ON THIS PART MAY ONLY BE PERFORMED BY
DART DE#02. ANY CHANGES TO THE DESIGN, MANUFACTURING
PROCESS, APPROVED OPERATING ENVIRONMENT, AND DESIGN
LOADING SPECTRUM WILL REQUIRE A REVIEW OF THE FATIGUE
EVALUATION FOR THIS PART.

RELEASED

10-02.31

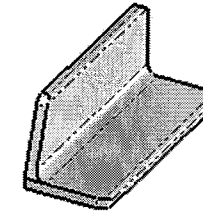
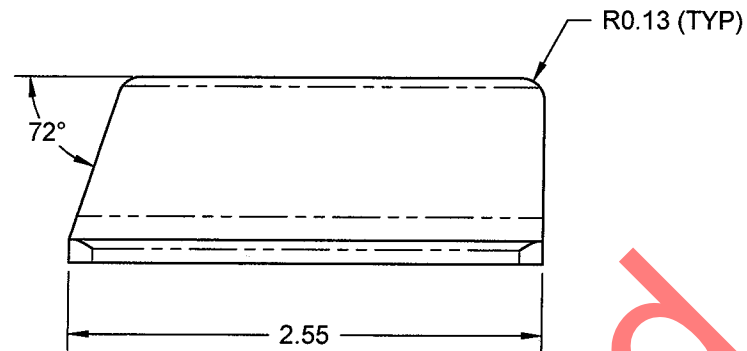
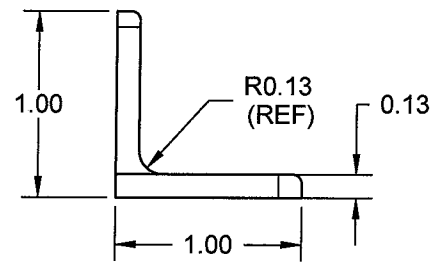


D212-725-1-007 COLLECTIVE BELLCRANK

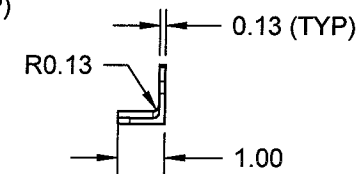
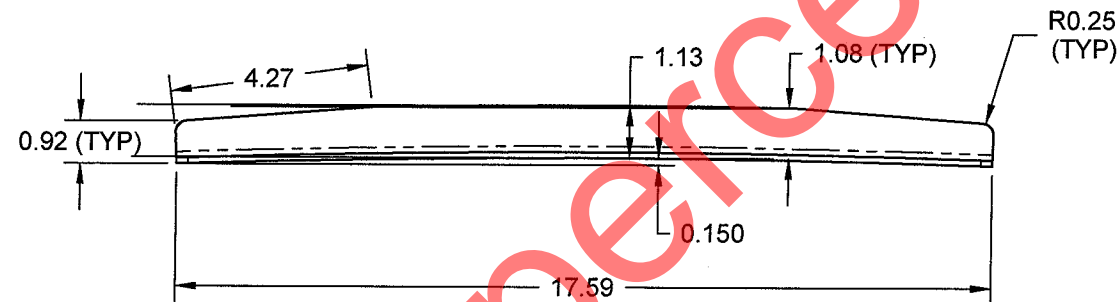
NOTES:

- 1) MATERIAL: 7075-T7351 ALUMINUM
PER QQ-A-250/12
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
PRIME YELLOW PER DART QSI 005 4.2
- 3) LPI PER ASTM 1417 LEVEL 2
- 4) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 7) IDENTIFICATION: IDENTIFY WITH DART P/N & B/N USING FINE POINT PERMANENT INK MARKER
- 8) WEIGHT: N/A
- 9) SWAGE/STAKE PER QSI 002
- 10) SURFACE FINISH TO BE NO GREATER THAN 80 MICROINCH

DESIGN	DC	DART AEROSPACE LTD	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	140	DRAWING NO.	REV. G
MFG. APPR.	91	D212-725-1	SHEET 4 OF 84
APPROVED	140	TITLE	SCALE
DE APPR.	140	212S DETAIL PARTS	NTS
DATE	10.02.12	<small>COPYRIGHT © 2006 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	




D212-725-1-011 ANGLE
D212-725-1-012 OPPOSITE
SCALE 1:1

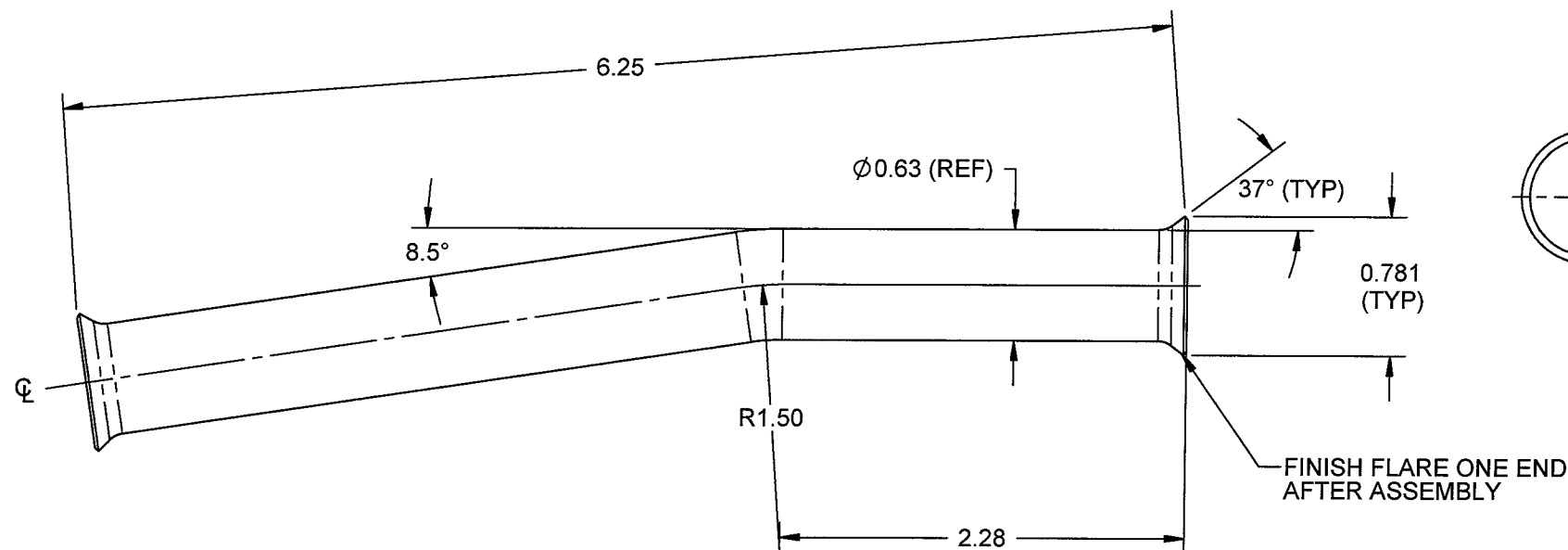


D212-725-1-015 STIFFENER ANGLE
SCALE 1:8

D212-725-1-011/-012/-015 NOTES:

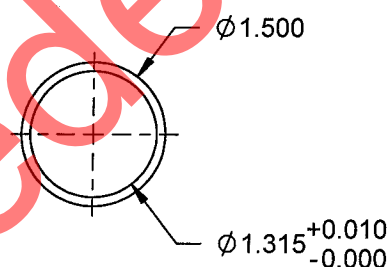
- 1) MATERIAL: 2024-T3511 (QQ-A-200/3F) ANGLE EXTRUSION
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME & PAINT PER AIRCRAFT MAINTENANCE MANUAL
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 6) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

DESIGN DC	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1	REV. D SHEET 5 OF 67
DATE 08.03.14		TITLE 212S DETAIL PARTS	SCALE 1:2
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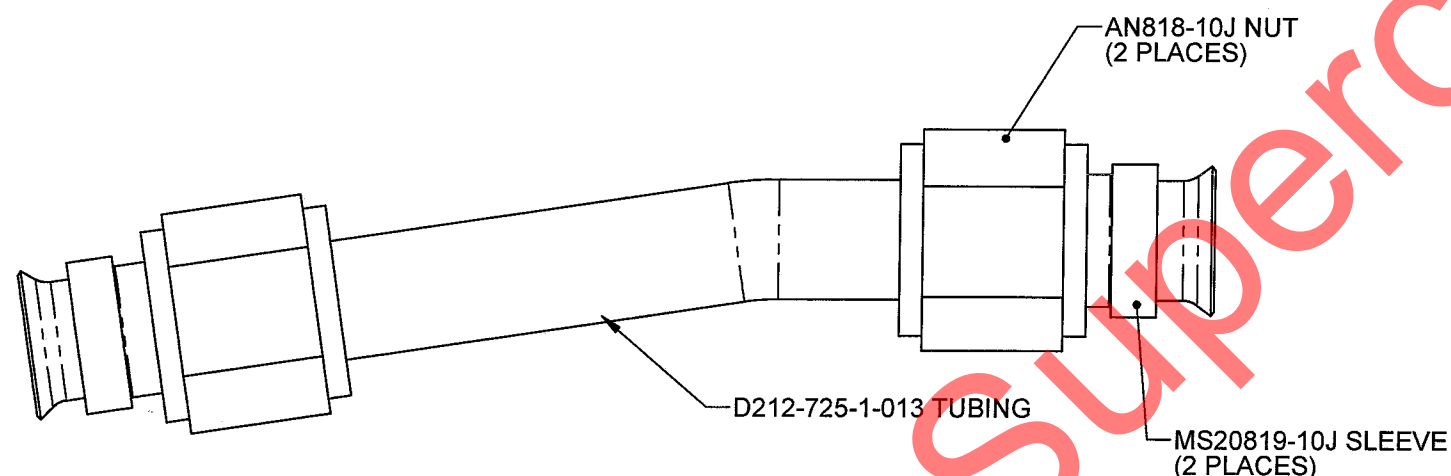


D212-725-1-013 TUBING
MANUFACTURE PER TEMPLATE DT8906

D212-725-1-025 SPACER
SCALE 1:2



D212-725-1-027 SPACER
SCALE 1:2



D212-725-1-903 TUBE ASSEMBLY

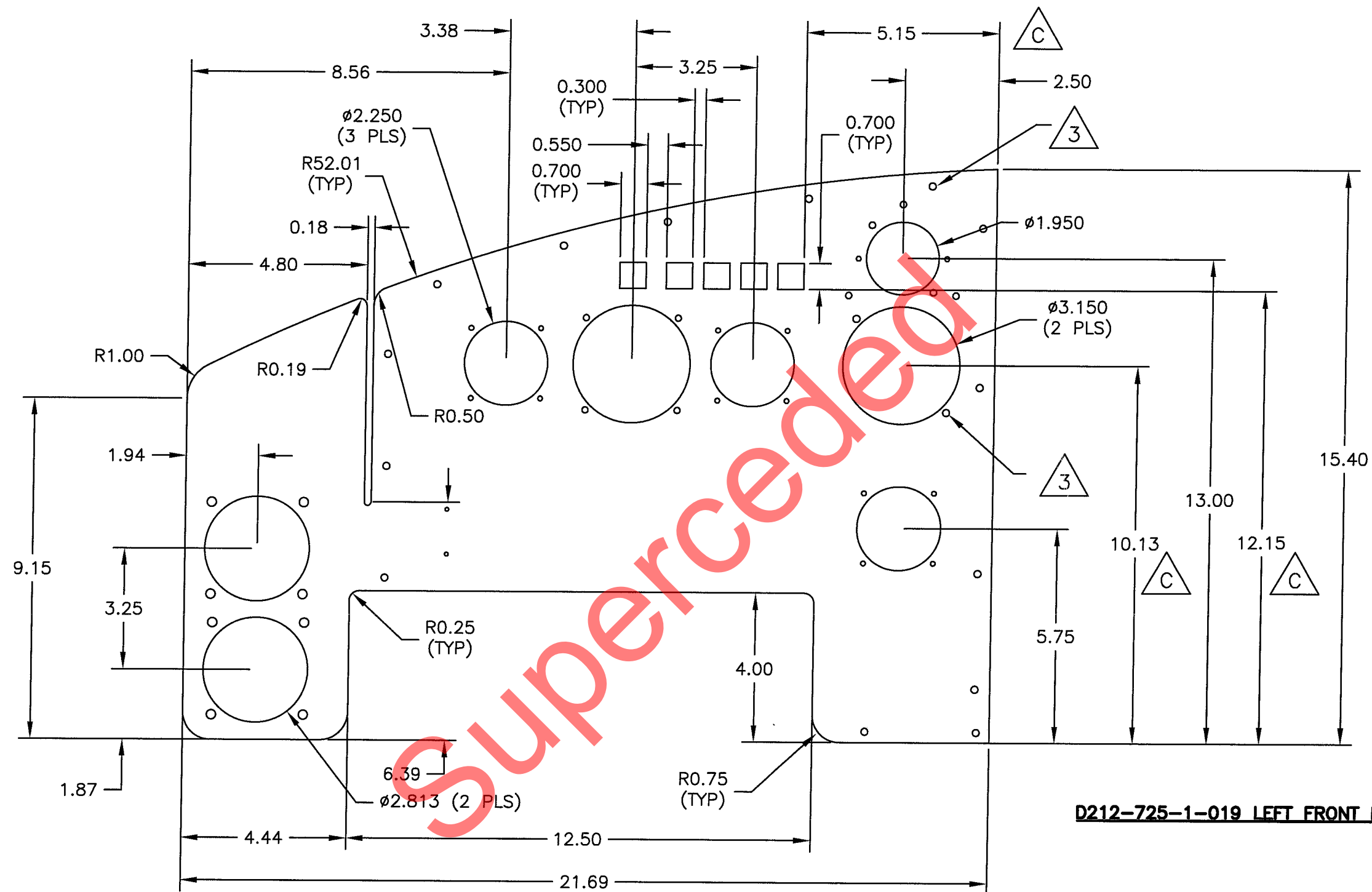
D212-725-1-025/-027 NOTES:

- 1) MATERIAL: 6061-T6 OR 6061-T62 (QQ-A-200/8 OR QQ-A-225/8) ALUMINUM (REF. DART SPEC. M6061TX.XXXW.XXX OR M6061T6R)
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 6) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

D212-725-1-013 NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL TUBING 0.625 O.D. x 0.035 WALL (REF. DART SPEC. M304TR0.625W0.035)
- 2) FINISH: NONE
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 6) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER


B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN DC	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1 REV. B SHEET 6 OF 44
DATE 07.05.11	TITLE 212S DETAIL PARTS	SCALE 1:1
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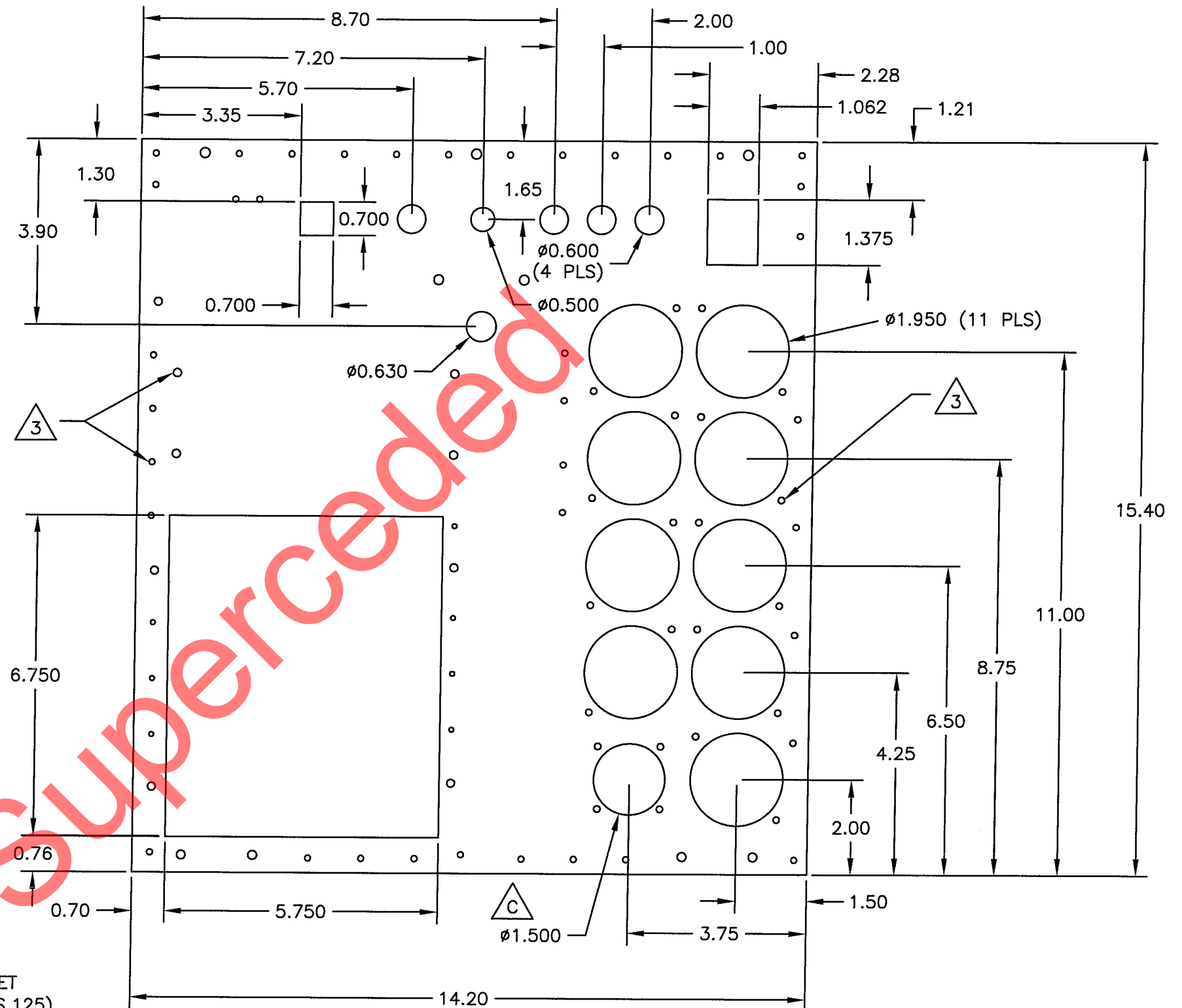
D212-725-1-019 LEFT FRONT PANEL

NOTES:

- 1) MATERIAL: 6061-T6 (QQ-A-250/11) OR 2024-T3 (QQ-A-250/4) SHEET 0.125 THICK
(REF. DART SPEC. M6061T6S.125 OR M2024T3S.125)
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR
PRIME & PAINT PER AIRCRAFT MAINTENANCE MANUAL
- 3) TRANSFER HOLES FROM INSTRUMENTS, STIFFENERS AND VENTS (TYPICAL)
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 7) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

DESIGN RD	DRAWN BY RF	DART DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	REV. C
CHECKED DS	APPROVED 		
DATE 07.12.04	TITLE 212S DETAIL PARTS	DRAWING NO. D212-725-1	SHEET 7 OF 49
			SCALE 1:3

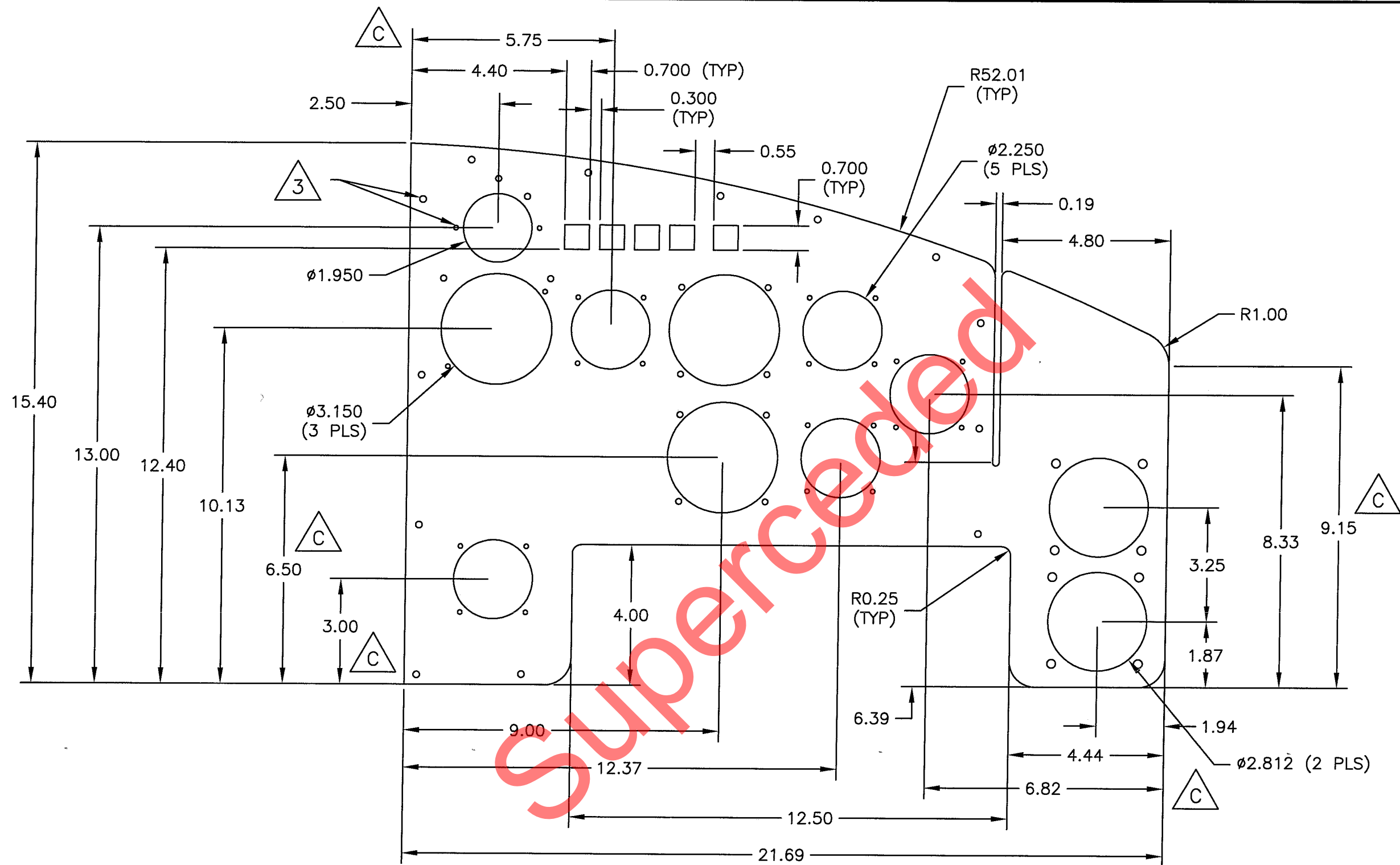
D212-725-1-021
CENTER FRONT PANEL



NOTES:

- 1) MATERIAL: 6061-T6 (QQ-A-250/11) OR 2024-T3 (QQ-A-250/4) SHEET
0.125 THICK (REF. DART SPEC. M6061T6S.125 OR M2024T3S.125)
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR
PRIME & PAINT PER AIRCRAFT MAINTENANCE MANUAL
- 3) TRANSFER HOLES FROM INSTRUMENTS, STIFFENERS AND VENTS (TYPICAL)
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 7) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

DESIGN RD	DRAWN BY RF	DART DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	REV. C
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1	SHEET 8 OF 49
DATE 07.12.04	TITLE 212S DETAIL PARTS	SCALE NTS	

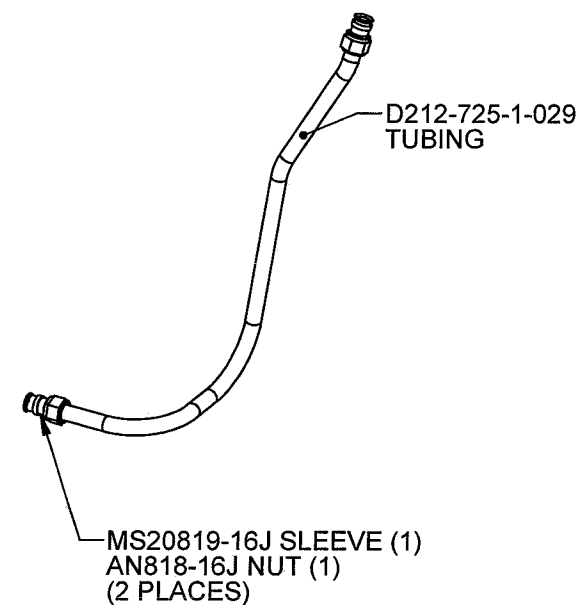
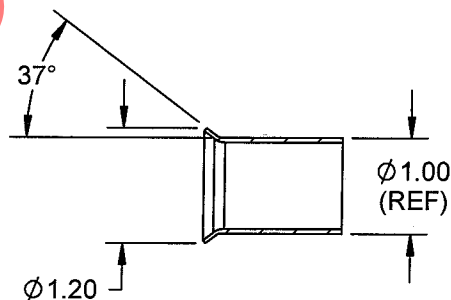
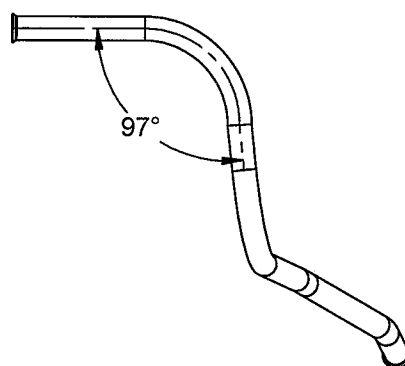
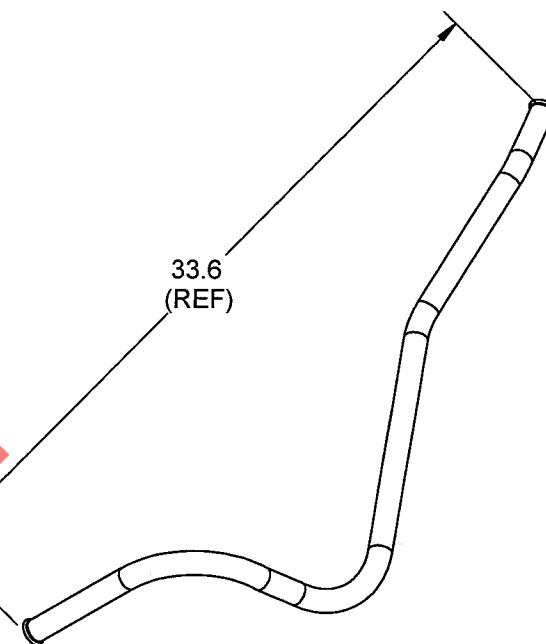
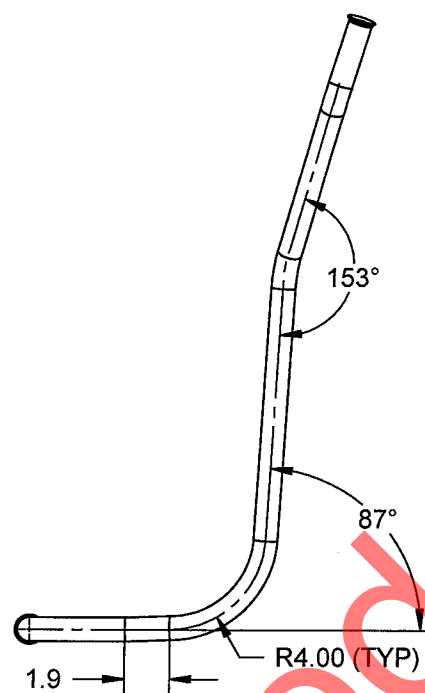
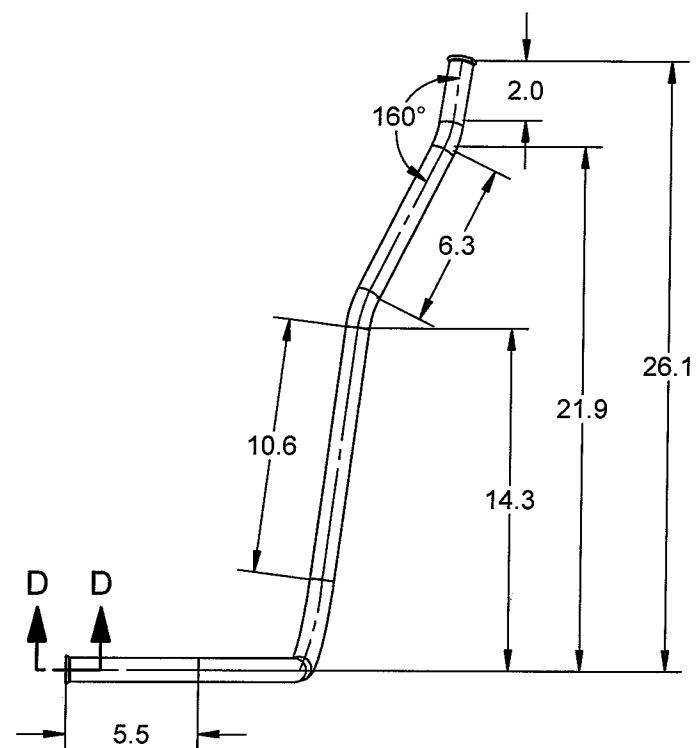


NOTES:

- 1) MATERIAL: 6061-T6 (QQ-A-250/11) OR 2024-T3 (QQ-A-250/4) SHEET 0.125 THICK
(REF. DART SPEC. M6061T6S.125 OR M2024T3S.125)
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR
PRIME & PAINT PER AIRCRAFT MAINTENANCE MANUAL
- 3) TRANSFER HOLES FROM INSTRUMENTS, STIFFENERS AND VENTS (TYPICAL)
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 7) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

D212-725-1-023 RIGHT FRONT PANEL

DESIGN RD	DRAWN BY RF	DART DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	REV. C
CHECKED DS	APPROVED <i>[Signature]</i>	DRAWING NO. D212-725-1	SHEET 9 OF 49
DATE 07.12.04	TITLE 212S DETAIL PARTS	SCALE 1:3	



D212-725-1-029 TUBING
MANUFACTURE PER TEMPLATE DT8907

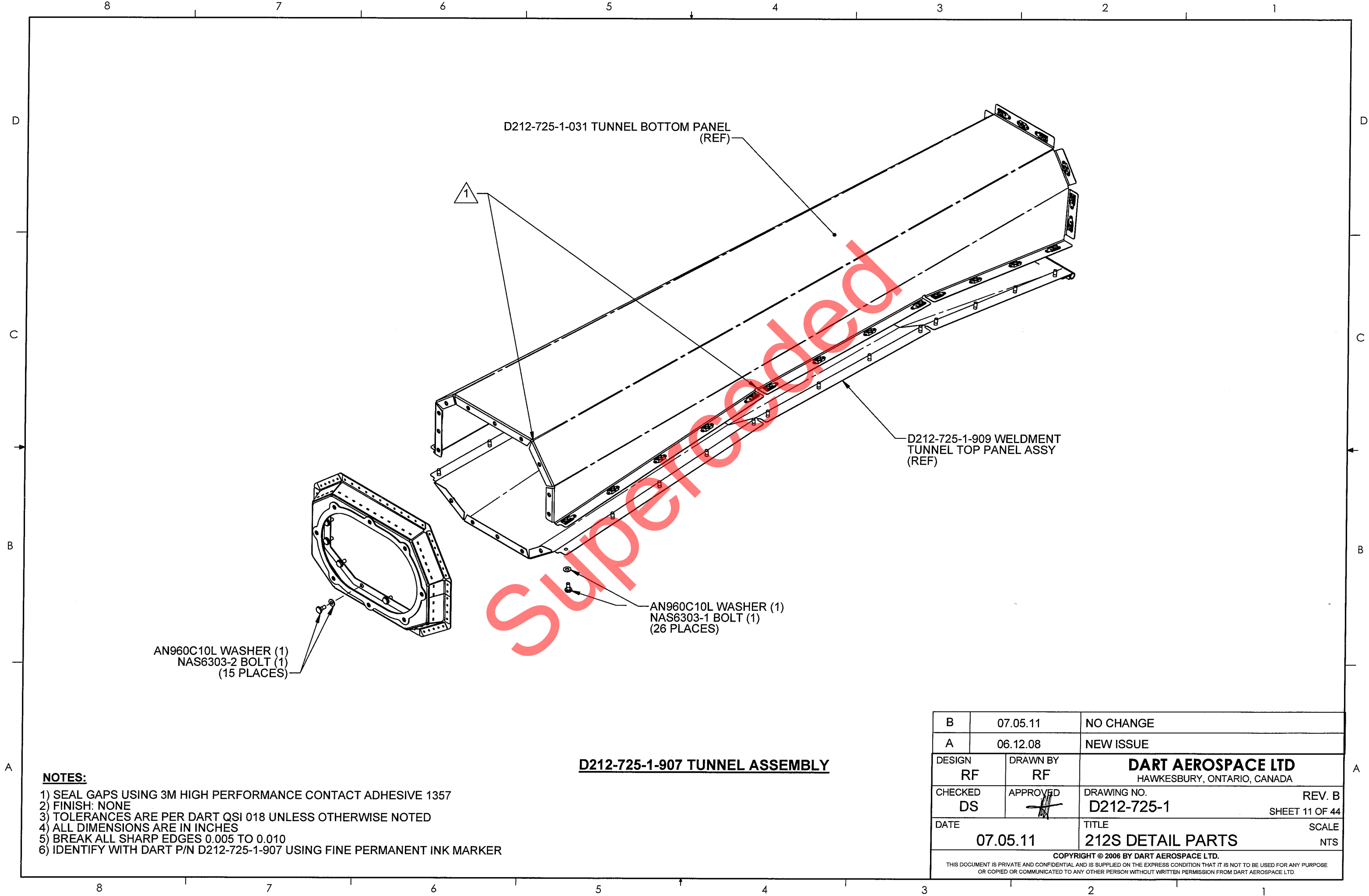
SECTION D-D
(FINISH FLARE ONE END
AFTER ASSEMBLY)
SCALE 1 : 2
(2 PLACES)

D212-725-1-905 TUBE ASSEMBLY

NOTES:


- 1) MATERIAL: AISI 304/316 SEAMLESS STAINLESS STEEL 1.00 O.D. x 0.049 WALL
(REF. DART SPEC. M304TR1.000W.049)
- 2) FINISH: NONE
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 6) IDENTIFY ASSEMBLY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

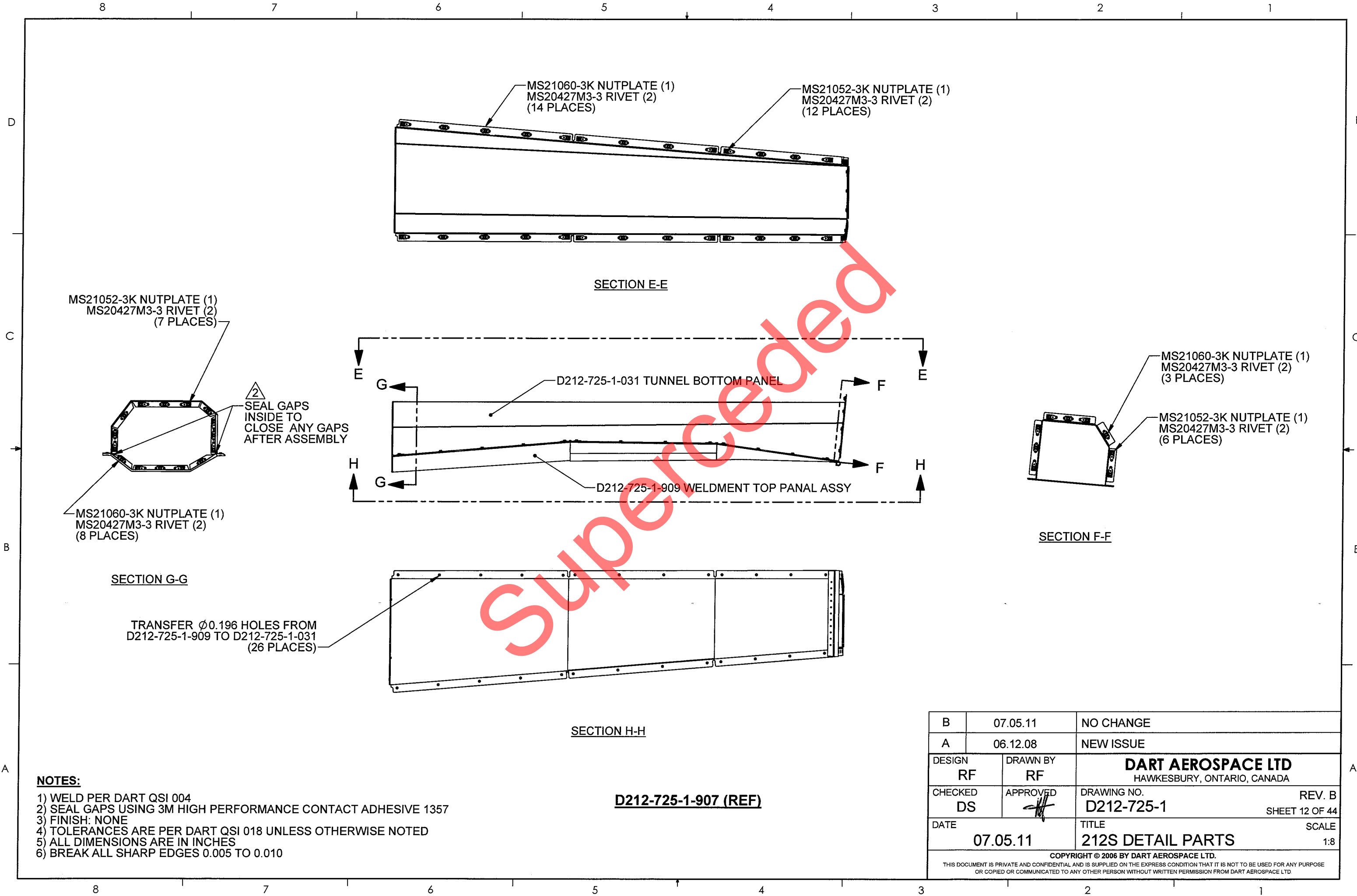
B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN DC	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1 REV. B SHEET 10 OF 44
DATE 07.05.11	TITLE 212S DETAIL PARTS	SCALE 1:8
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- NOTES:**
- 1) SEAL GAPS USING 3M HIGH PERFORMANCE CONTACT ADHESIVE 1357
 - 2) FINISH: NONE
 - 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) ALL DIMENSIONS ARE IN INCHES
 - 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
 - 6) IDENTIFY WITH DART P/N D212-725-1-907 USING FINE PERMANENT INK MARKER

D212-725-1-907 TUNNEL ASSEMBLY


B	07.05.11	NO CHANGE	
A	06.12.08	NEW ISSUE	
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1	REV. B SHEET 11 OF 44
DATE 07.05.11	TITLE 212S DETAIL PARTS		SCALE NTS
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NOTES:

- 1) WELD PER DART QSI 004
- 2) SEAL GAPS USING 3M HIGH PERFORMANCE CONTACT ADHESIVE 1357
- 3) FINISH: NONE
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) BREAK ALL SHARP EDGES 0.005 TO 0.010

B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1 REV. B SHEET 12 OF 44
DATE 07.05.11	TITLE 212S DETAIL PARTS	SCALE 1:8
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B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1 REV. E SHEET 13 OF 44
DATE 07.05.11	TITLE 212S DETAIL PARTS	SCALE 1:8
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8

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4

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1

D


C

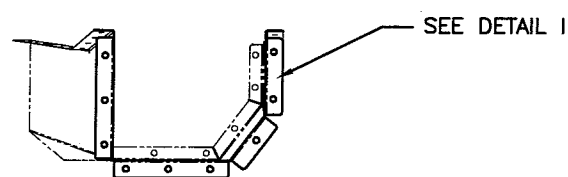
B

A

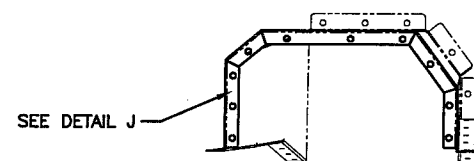
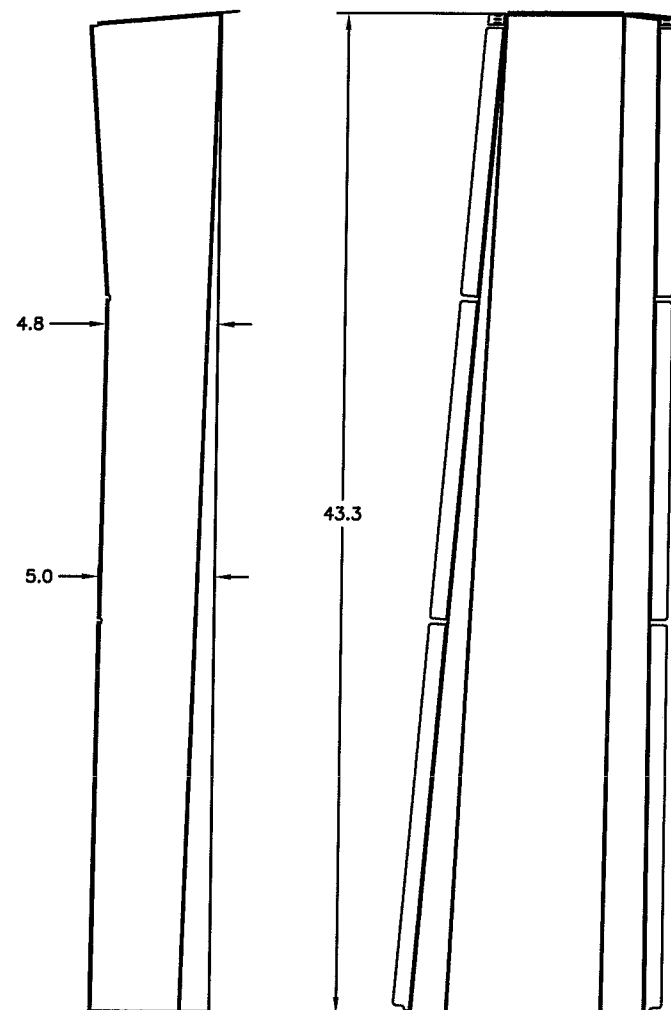
D212-725-1-049
OUTSIDE DOUBLERD212-725-1-053
GASKETD212-725-1-047
INSIDE DOUBLERMS21060-3K NUTPLATE (1)
MS20427M3-3 RIVET (2)
(8 PLACES)0.3 TO 0.4
AS REQUIRED
(TYP)D212-725-1-043
TOP FLANGEINSTALL NAS1738C OR
CR2839 RIVETS (9)
(AT THIS FACES AT SHOWN)2.4
(0.3 PITCH)D212-725-1-051
GASKETD212-725-1-041
BASED212-725-1-045
BOTTOM FLANGEGTAW
GRIND FLAT TO
CLEAR FASTENERS
(2 PLACES)INSTALL NAS1738C OR
CR2839 RIVETS (5), 0.5 PITCH
(AT THIS FACES AT SHOWN)TRANSFER $\phi 0.129$ HOLES
FROM D212-725-1-043/-045
INTO D212-725-1-053
& D212-725-1-049
(TYP)INSTALL NAS1738C OR
CR2839 RIVETS (3), 0.7 PITCH
(AT THIS FACES AT SHOWN)INSTALL NAS1738C OR
CR2839 RIVETS (7), 0.5 PITCH
(AT THIS FACES AT SHOWN)INSTALL NAS1738C OR
CR2839 RIVETS (4), 0.5 PITCH
(AT THIS FACES AT SHOWN)INSTALL NAS1738C OR
CR2839 RIVETS (6), 0.5 PITCH
(AT THIS FACES AT SHOWN)INSTALL NAS1738C OR
CR2839 RIVETS (11), 0.5 PITCH
(AT THIS FACES AT SHOWN)TRANSFER $\phi 0.250$ HOLES
FROM D212-725-1-907
SECTION G-G INTO
D212-725-1-047 & D212-725-1-053NAS1738C OR
CR2839 RIVET (1)
(60 PLACES)D212-725-1-041 BASE
(REF)INSTALL D212-725-1-051
USING 1357 ADHESIVE**D212-725-1-911 AFT BASE ASSEMBLY****NOTES:**

- 1) WELD PER QSI 004
- 2) SEAL GAPS USING 3M HIGH PERFORMANCE CONTACT ADHESIVE 1357
- 3) FINISH: NONE
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) BREAK ALL SHARP EDGES 0.005 TO 0.010

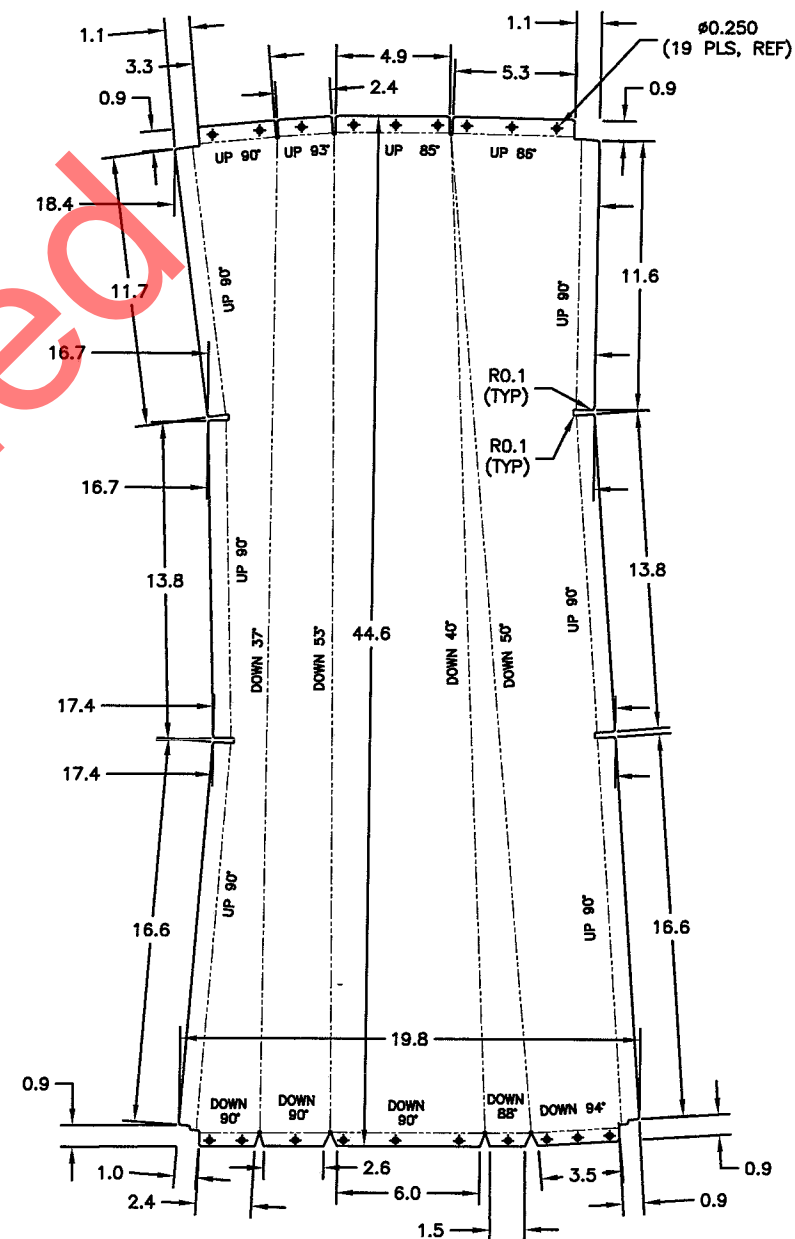
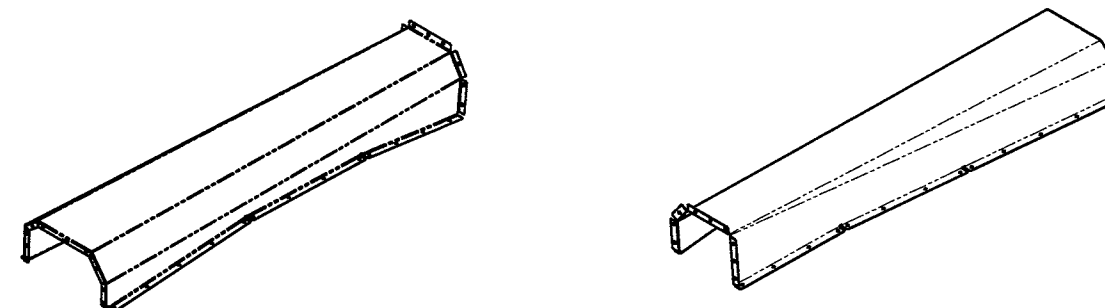
B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1 REV. B SHEET 14 OF 44
DATE 07.05.11	TITLE 212S DETAIL PARTS	SCALE 1:4
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SEE DETAIL I



SEE DETAIL J



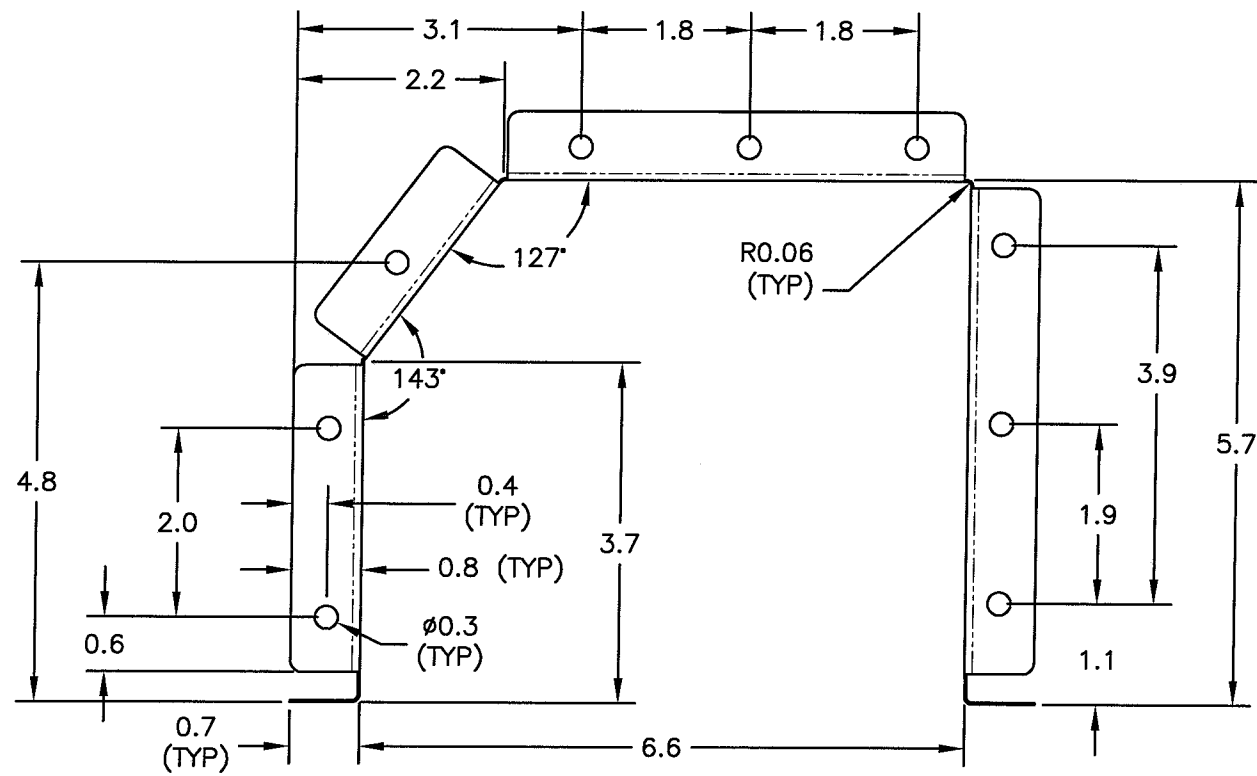
D212-725-1-031F
FLAT PATTERN

NOTES:

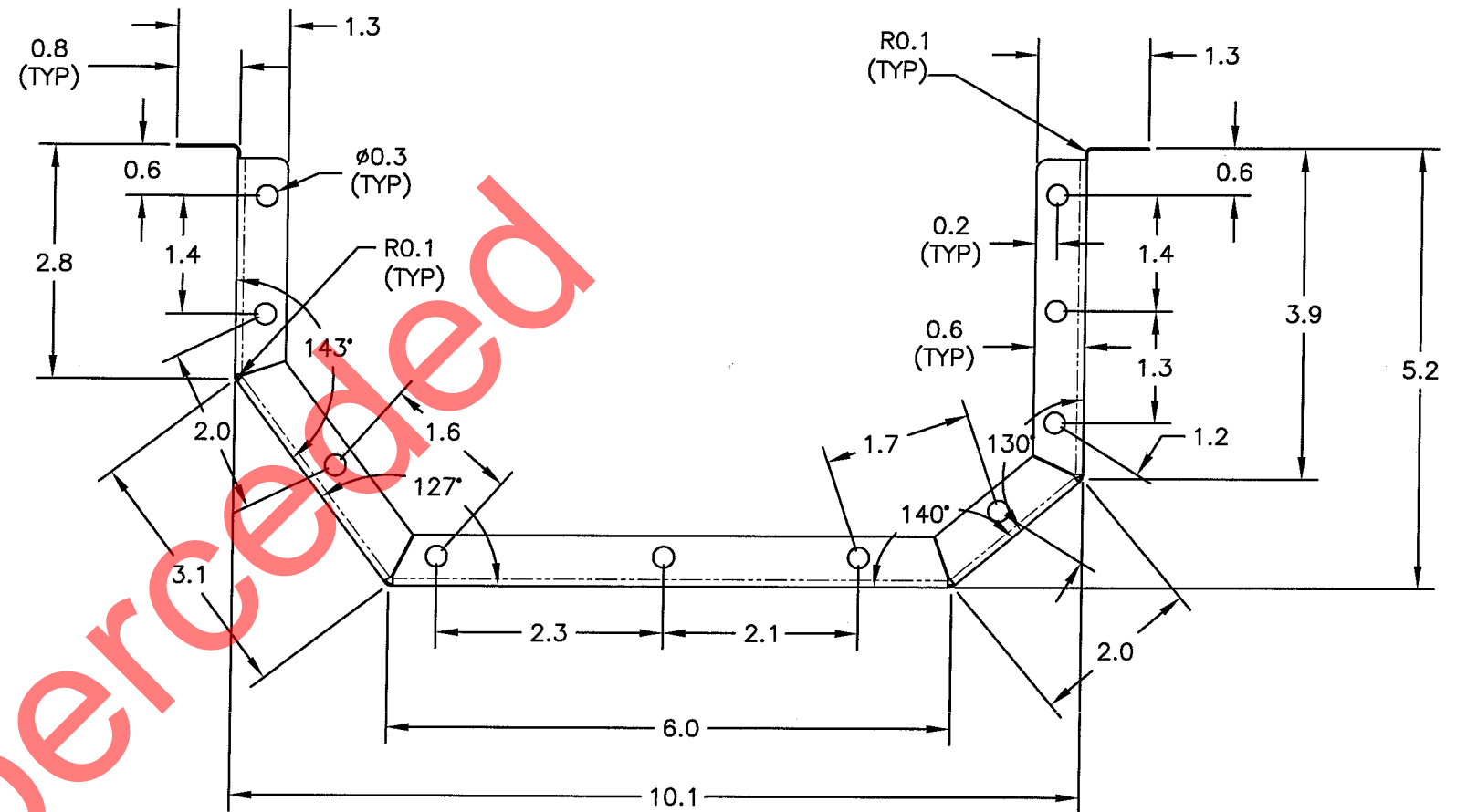
- 1) MATERIAL: AISI 304/316 STAINLESS STEEL 0.020 (25 GAUGE) SHEET, PER MIL-S-5019 (REF. DART SPEC. M304S25GA)
- 2) FINISH: NONE
- 3) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 6) MACHINE FLAT PATTERN PER DRAWING "D212-725-1.A15"

D212-725-1-031 TUNNEL BOTTOM PANEL



B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1
DATE 07.05.11	TITLE 212S DETAIL PARTS	REV. B SHEET 15 OF 44 SCALE 1:8

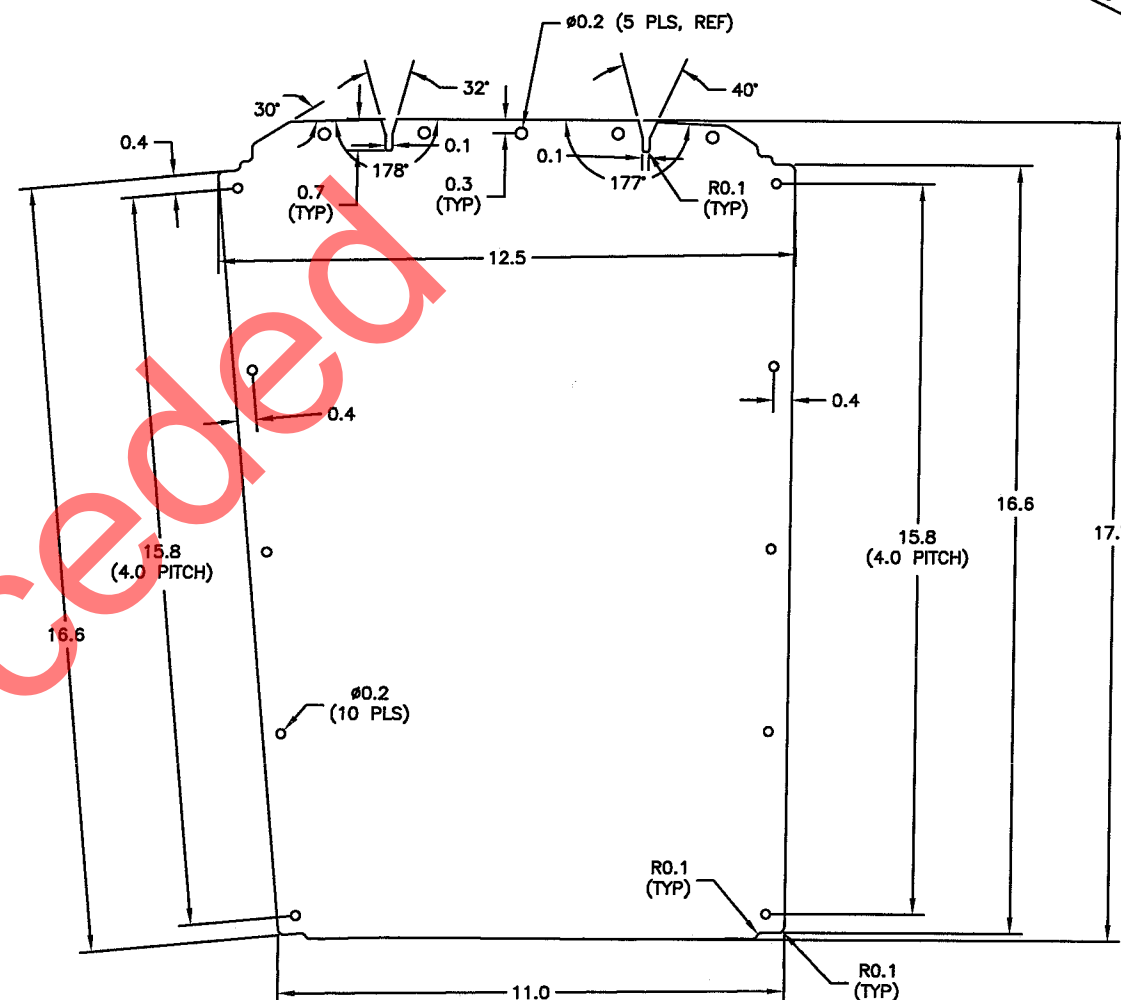
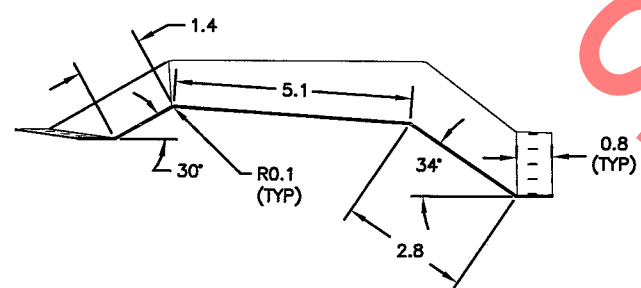
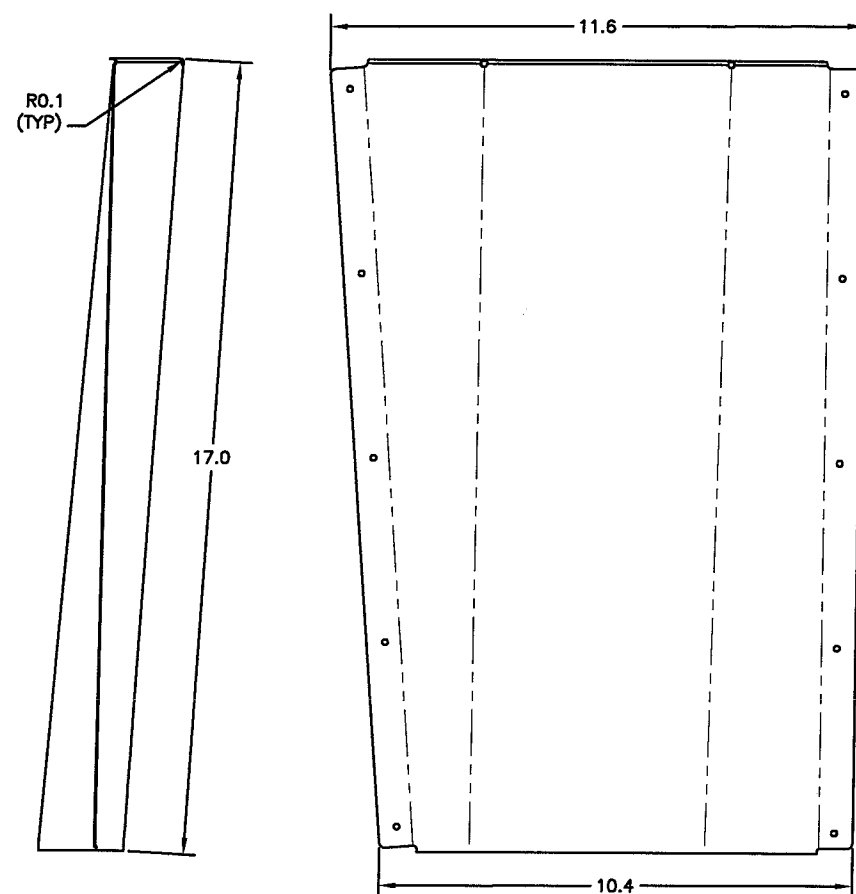
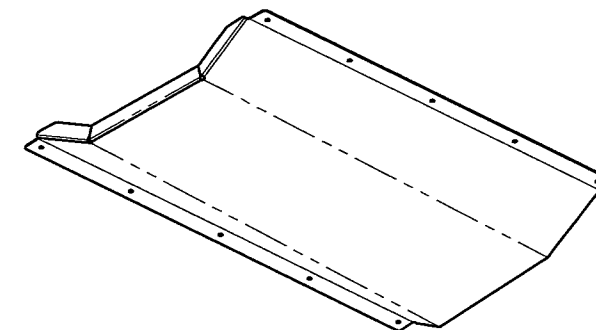
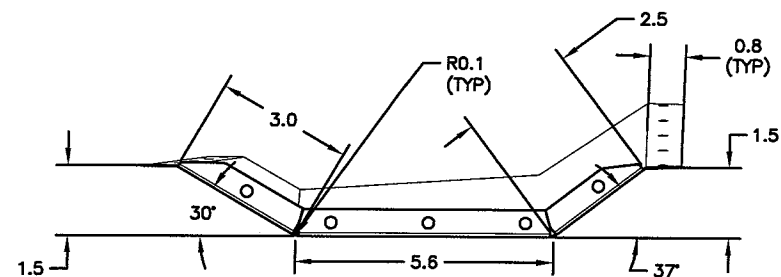


D212-725-1-031
DETAIL I



D212-725-1-031
DETAIL J

B	07.05.11	NO CHANGE	
A	06.12.08	NEW ISSUE	
DESIGN RF	DRAWN BY RF	 DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED DS	APPROVED 		
DATE 07.05.11		DRAWING NO. D212-725-1	REV. B SHEET 16 OF 44
		TITLE 212S DETAIL PARTS	SCALE 1:2



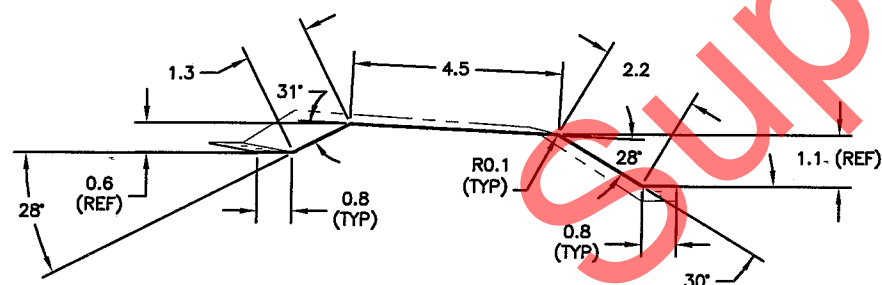
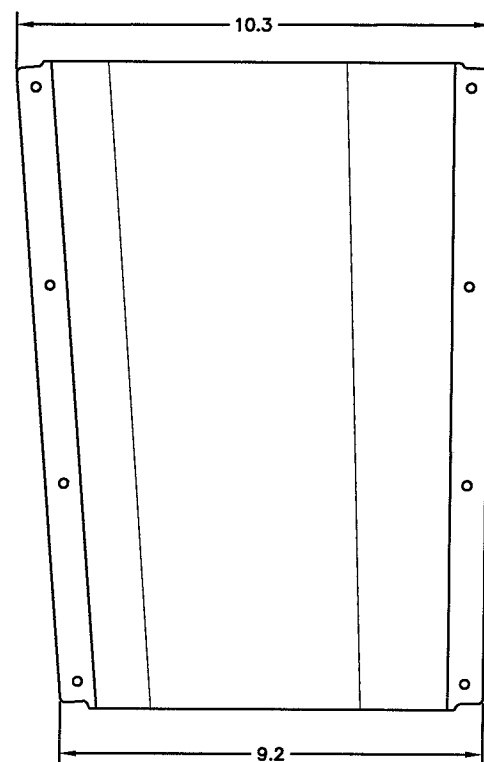
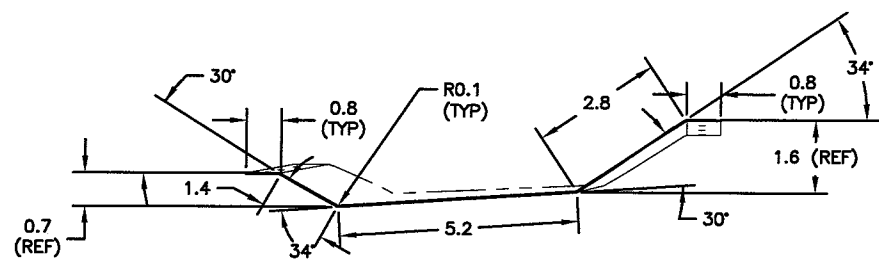
D212-725-1-033F FLAT PATTERN

D212-725-1-033 AFT TOP TUNNEL PANEL
(MAKE FROM D212-725-1-033F FLAT PATTERN)

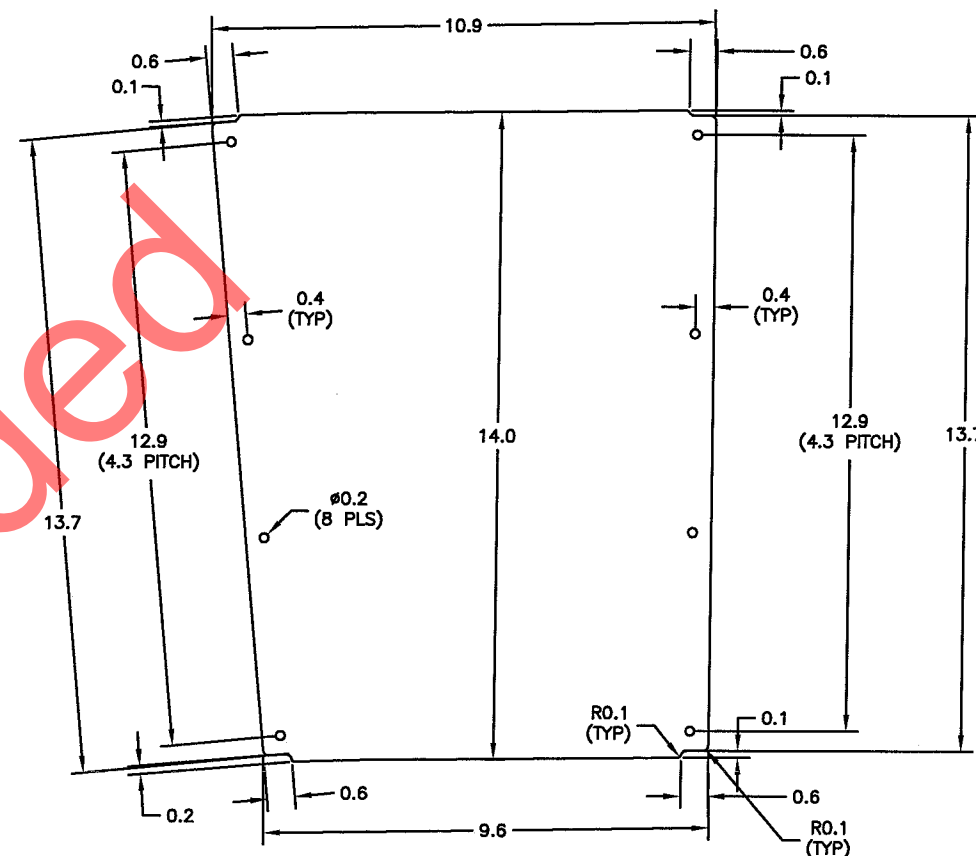
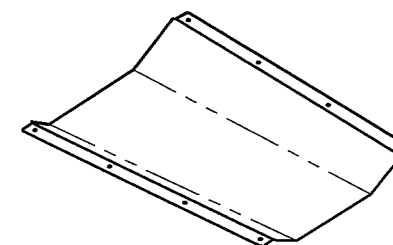
NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL 0.020 (25 GAUGE) SHEET, PER MIL-S-5019 (REF. DART SPEC. M304S25GA)
- 2) FINISH: NONE
- 3) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 6) MACHINE PER DRAWING "D212-725-1-A17.DWG"

B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1
DATE 07.05.11		REV. B SHEET 17 OF 44 TITLE 212S DETAIL PARTS SCALE 1:4



D212-725-1-035 CENTER TOP TUNNEL PANEL
(MAKE FROM D212-725-1-035F FLAT PATTERN)

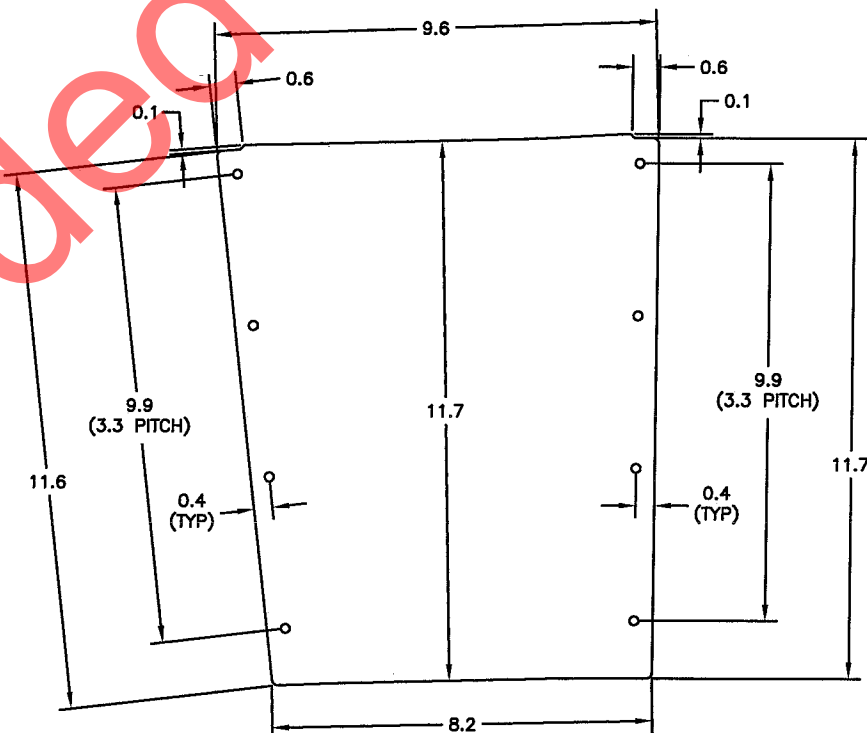
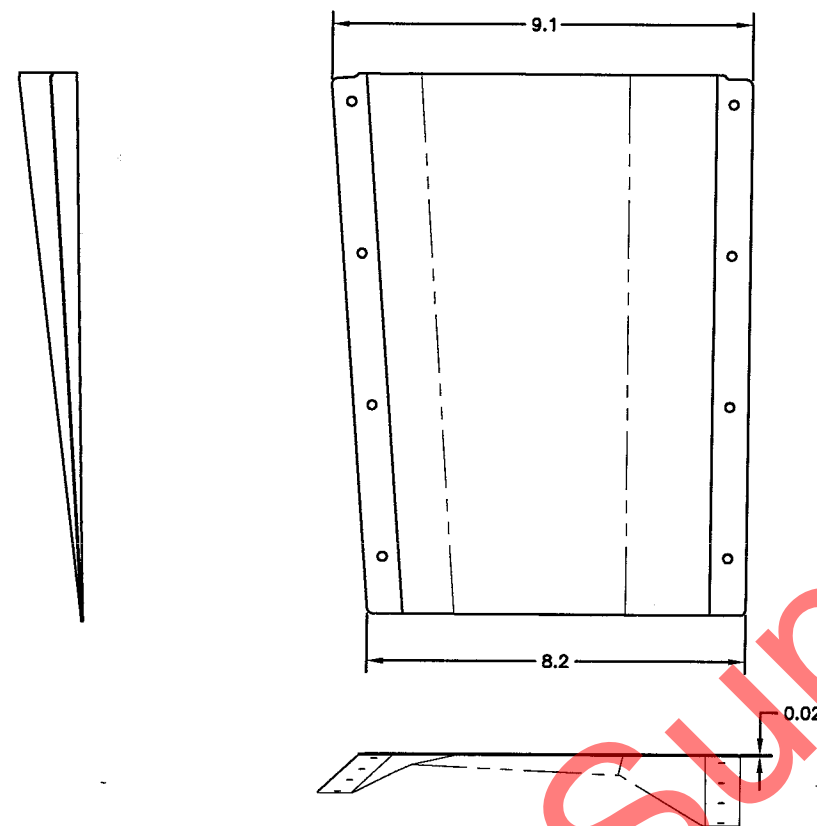
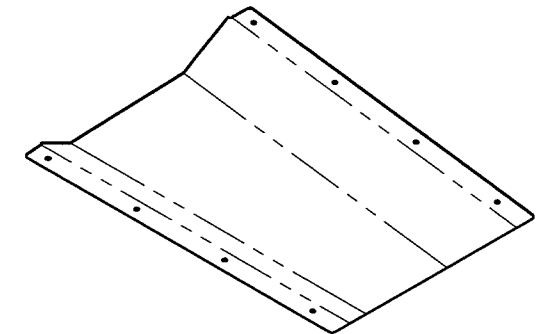
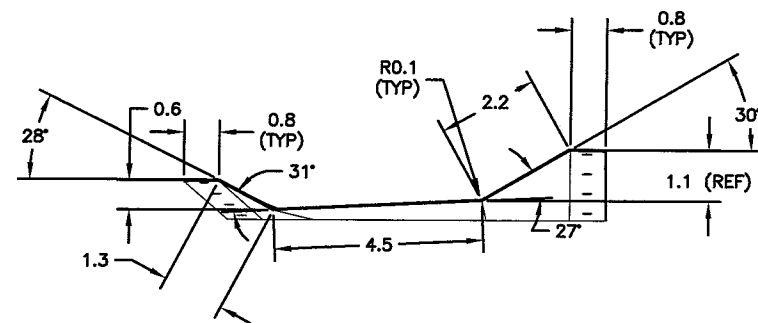


D212-725-1-035F FLAT PATTERN

NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL 0.020 (25 GAUGE) SHEET, PER MIL-S-5019 (REF. DART SPEC. M304S25GA)
- 2) FINISH: NONE
- 3) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 6) MACHINE PER DRAWING "D212-725-1-A18"

B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1
DATE 07.05.11	TITLE 212S DETAIL PARTS	REV. B SHEET 18 OF 44 SCALE 1:4



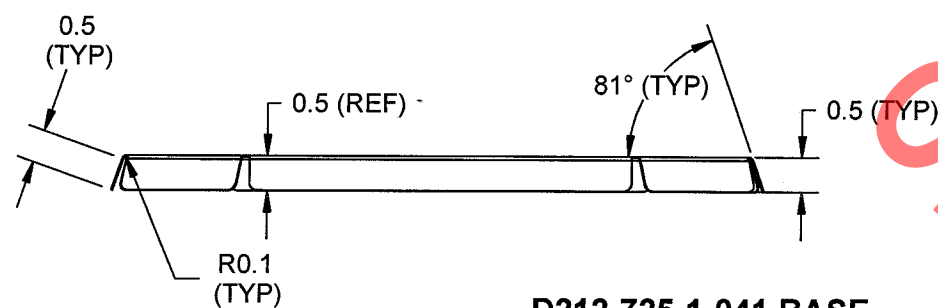
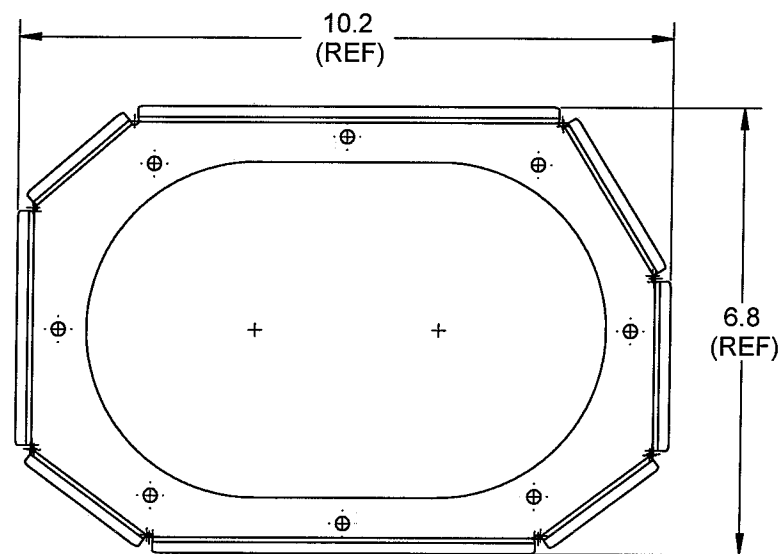
D212-725-1-037 FWD TOP TUNNEL PANEL
(MAKE FROM D212-725-1-037F FLAT PATTERN)

D212-725-1-037F FLAT PATTERN

NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL 0.020 (25 GAUGE) SHEET, PER MIL-S-5019 (REF. DART SPEC. M304S25GA)
- 2) FINISH: NONE
- 3) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 6) MACHINE PER DRAWING "D212-725-1-A19"

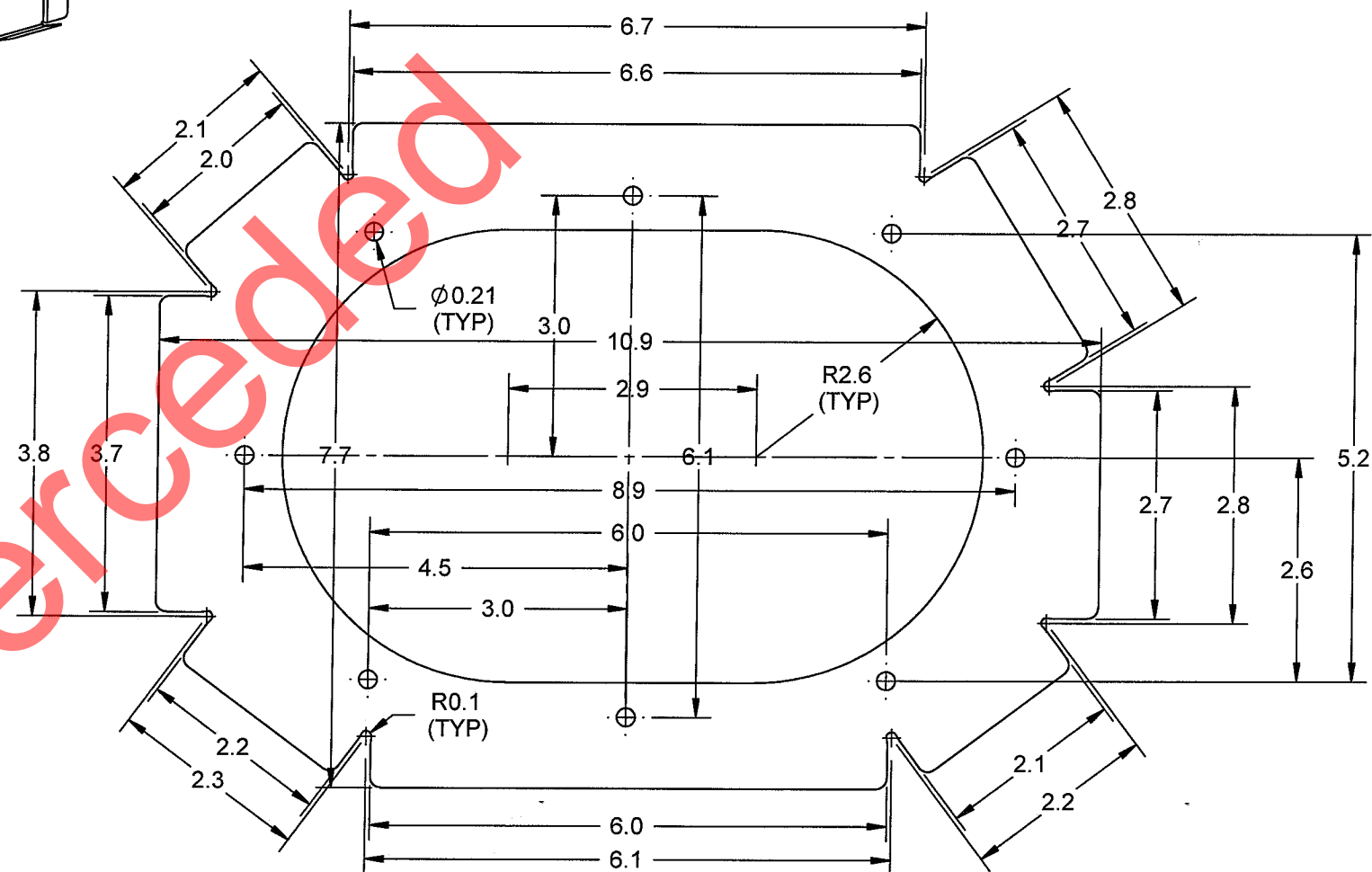
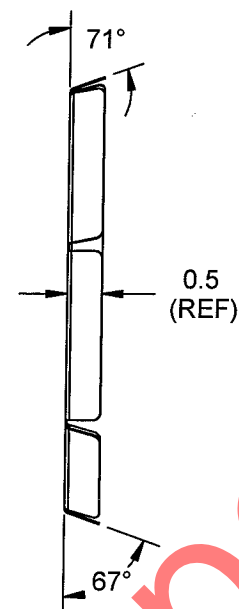
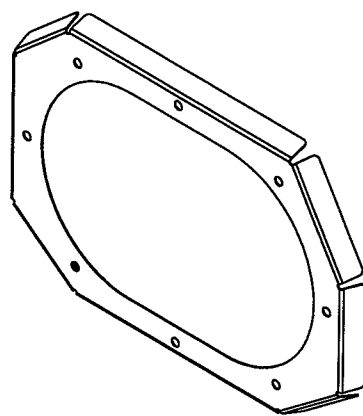
B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1
DATE 07.05.11	TITLE 212S DETAIL PARTS	REV. B SHEET 19 OF 44 SCALE 1:4




D212-725-1-041 BASE
(MAKE FROM D212-725-1-041F FLAT PATTERN)
SCALE 1:6

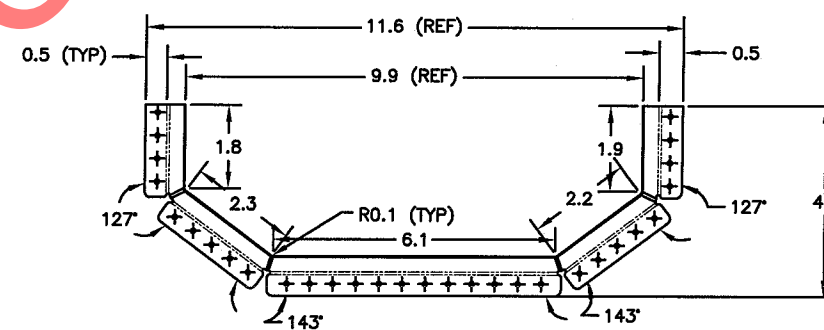
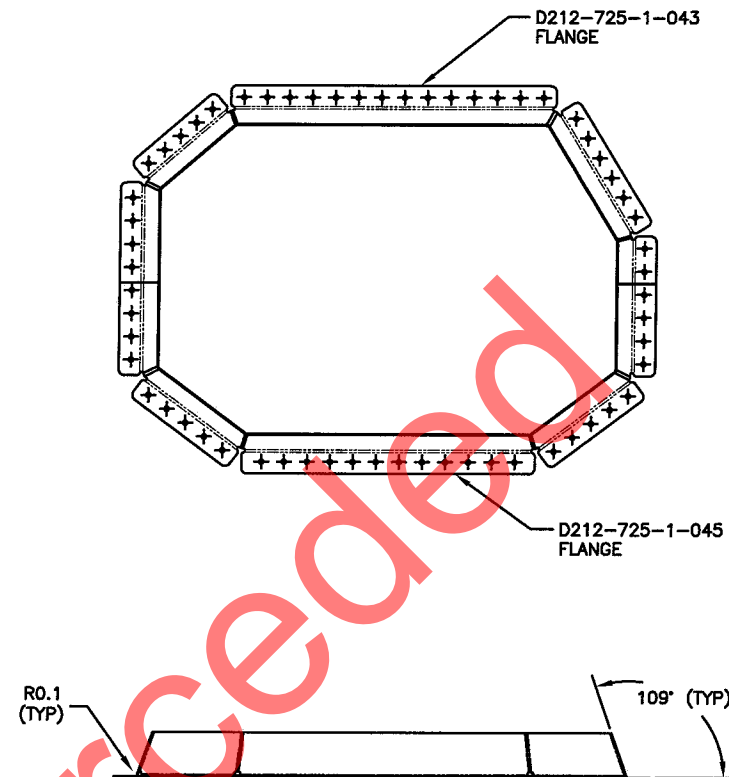
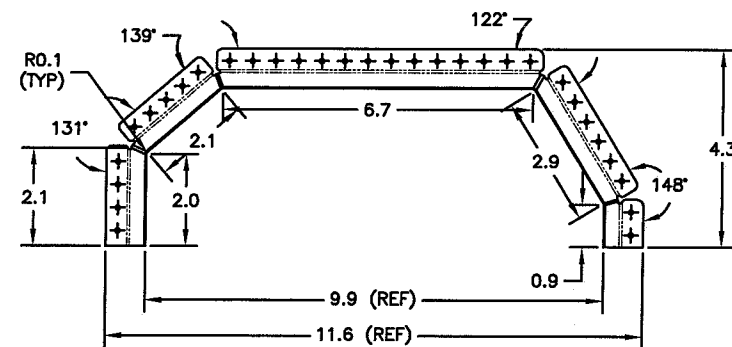
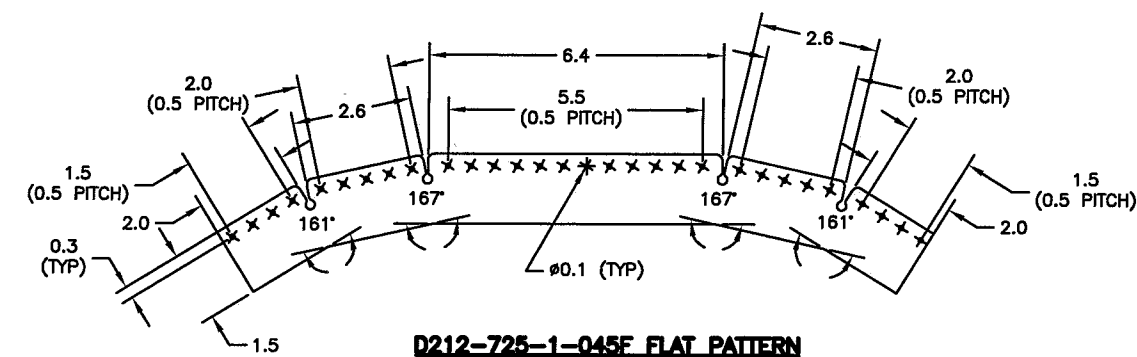
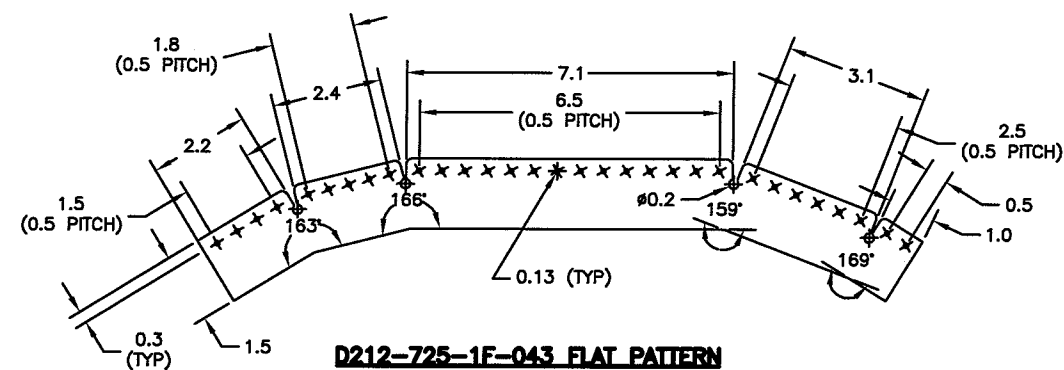
NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL 0.020 (25 GAUGE) SHEET, PER MIL-S-2019 (REF. DART SPEC. M304S25GA)
- 2) FINISH: NONE
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 6) MACHINE PER DRAWING "D212-725-1-A20"



D212-725-1-041F FLAT PATTERN

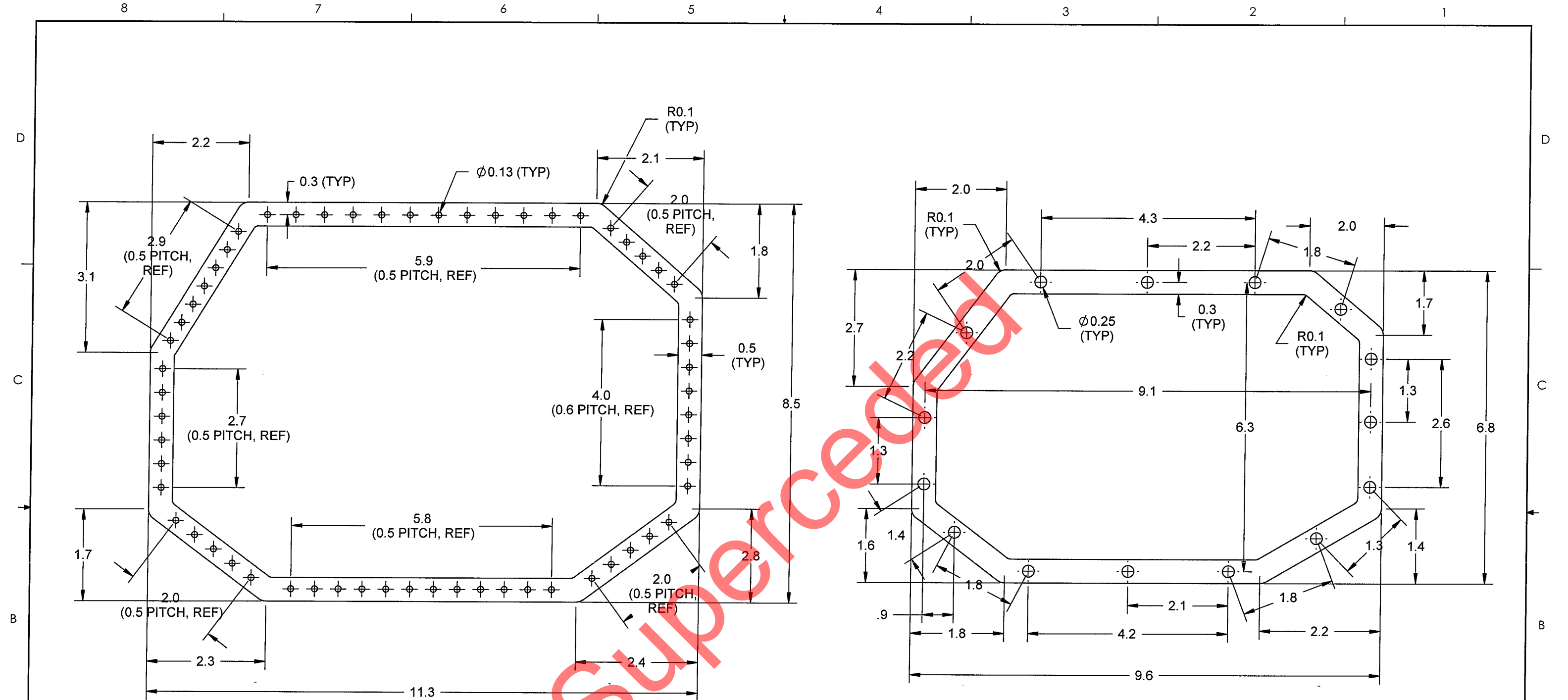
B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1 REV. B SHEET 20 OF 44
DATE 07.05.11	TITLE 212S DETAIL PARTS	SCALE 1:2
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NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL (25 GAUGE) 0.020 SHEET, PER MIL-S-5019 (REF. DART SPEC. M304S25GA)
- 2) FINISH: NONE
- 3) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 6) MACHINE & BEND PER DRAWING "D212-725-1-A21"


B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1
DATE 07.05.11	TITLE 212S DETAIL PARTS	REV. B SHEET 21 OF 44 SCALE 1:4

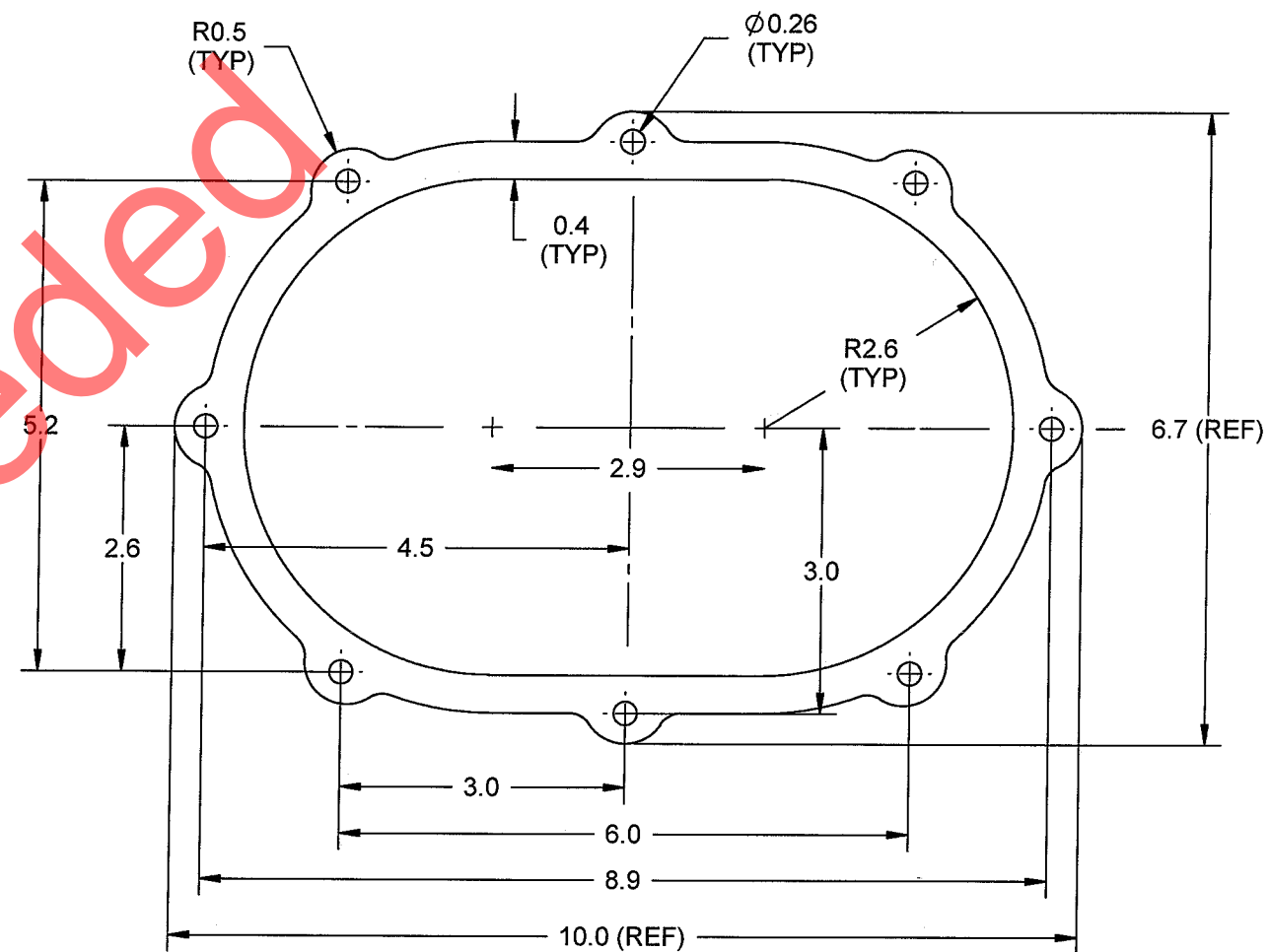
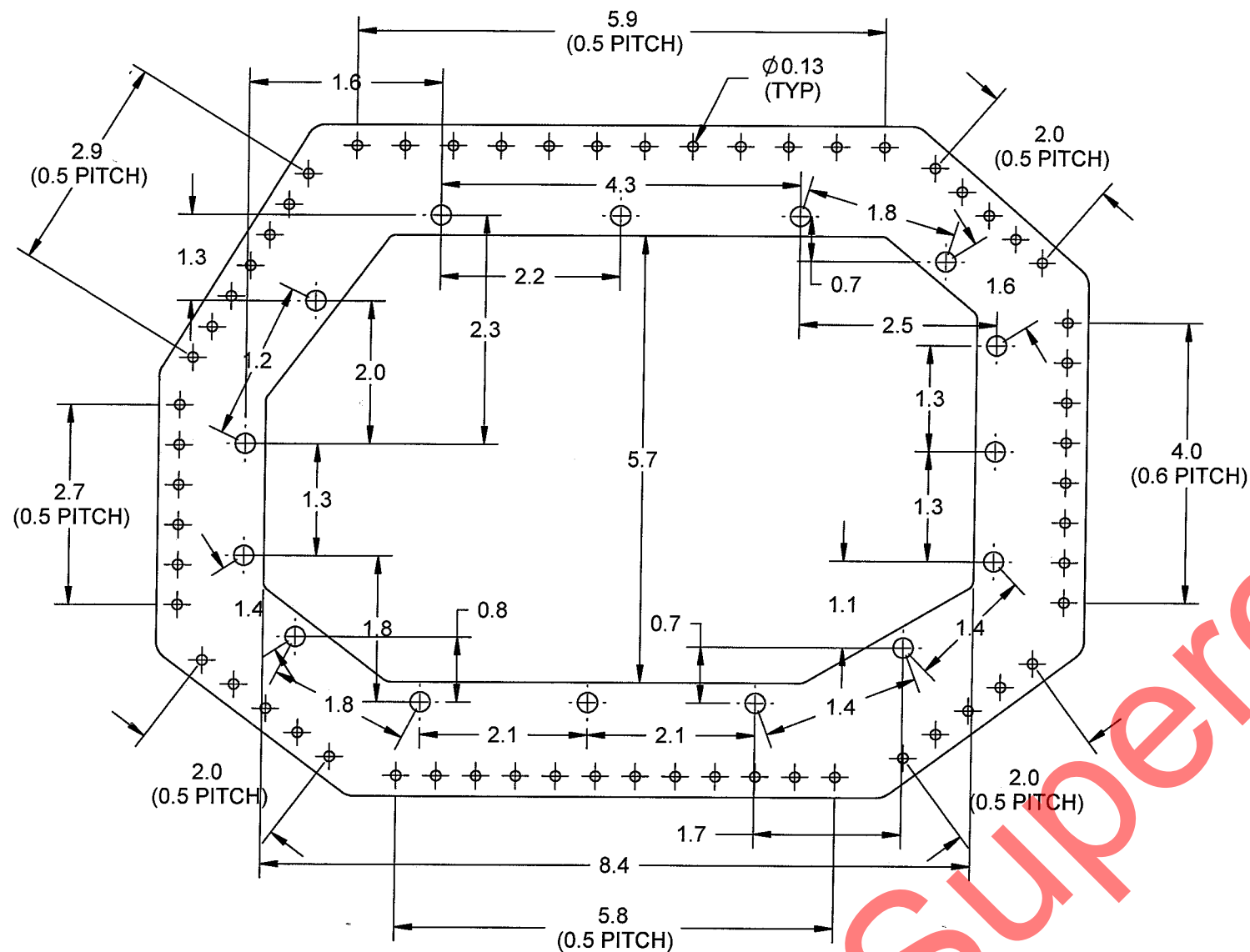


D212-725-1-049 DOUBLER
DIMENSIONS BETWEEN HOLES ARE PROVIDED FOR REFERENCE ONLY
TRANSFER Ø0.129 HOLES FROM D212-725-1-043/-045 WELDED

D212-725-1-047 DOUBLER
DIMENSIONS BETWEEN HOLES ARE PROVIDED FOR REFERENCE ONLY
TRANSFER Ø0.250 HOLES FROM D212-725-1-907 SECTION G-G

- NOTES:**
- 1) MATERIAL: AISI 304/316 STAINLESS STEEL 0.020 (25 GAUGE) SHEET, PER MIL-S-5019 (REF. DART SPEC. M304S25GA)
 - 2) FINISH: NONE
 - 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) ALL DIMENSIONS ARE IN INCHES
 - 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
 - 6) MACHINE PER DRAWING "D212-725-1-A22"

B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1 REV. B SHEET 22 OF 44
DATE 07.05.11	TITLE 212S DETAIL PARTS	SCALE 1:4
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D212-725-1-053 GASKET

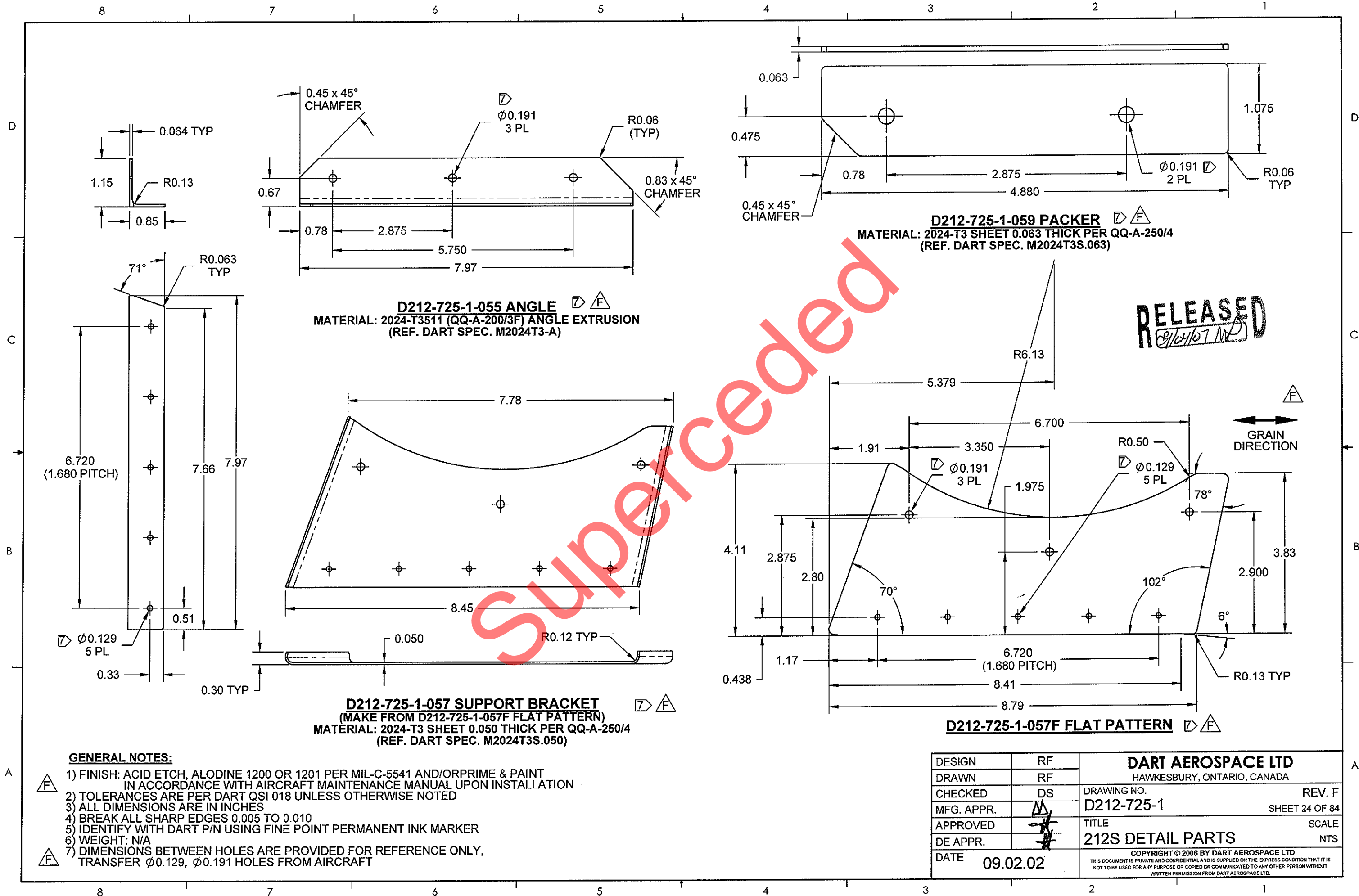
DIMENSIONS BETWEEN HOLES ARE PROVIDED FOR REFERENCE ONLY
 TRANSFER $\phi 0.129$ HOLES FROM D212-725-1-043/-45 WELDED ASSEMBLY
 TRANSFER $\phi 0.250$ HOLES FROM D212-725-1-907 SECTION G-G

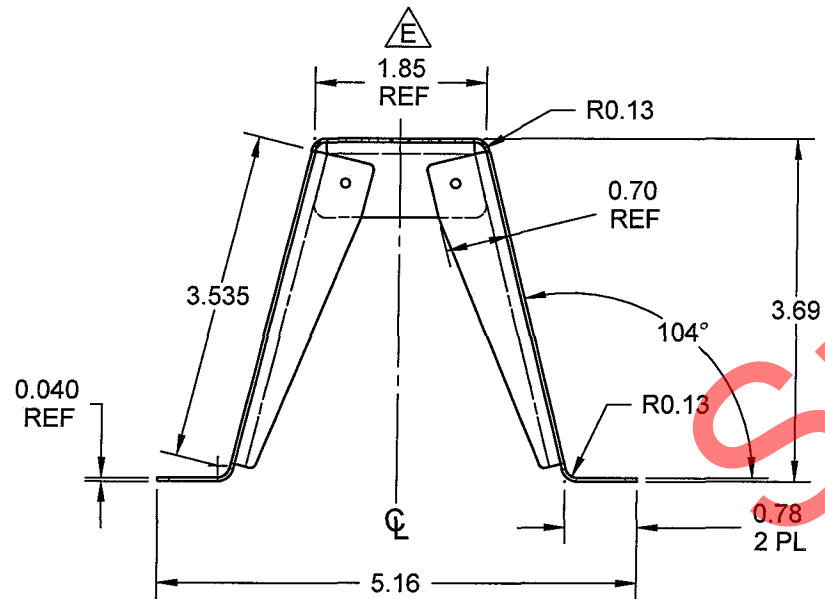
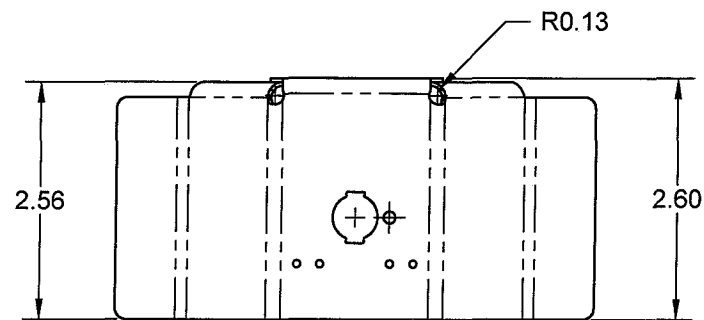
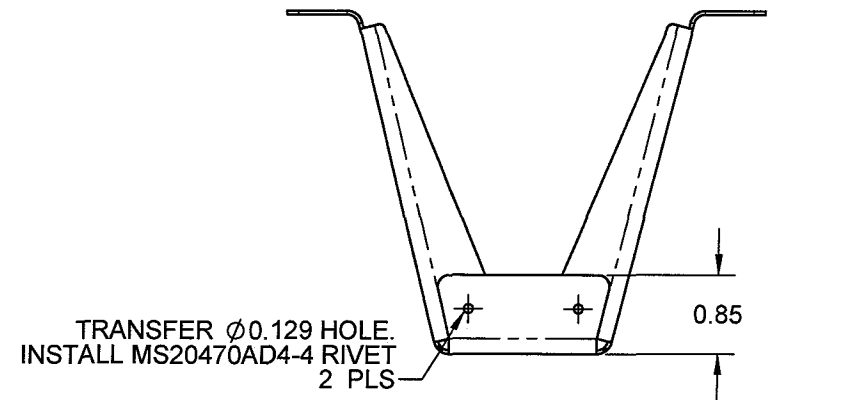
NOTES:

- 1) MATERIAL: THERMO-CHEM P/N G-89
POSSIBLE SUPPLIER: A.R. THOMSON GROUP
- 2) FINISH: NONE
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) MACHINE PER DRAWING "D212-725-1-A23"

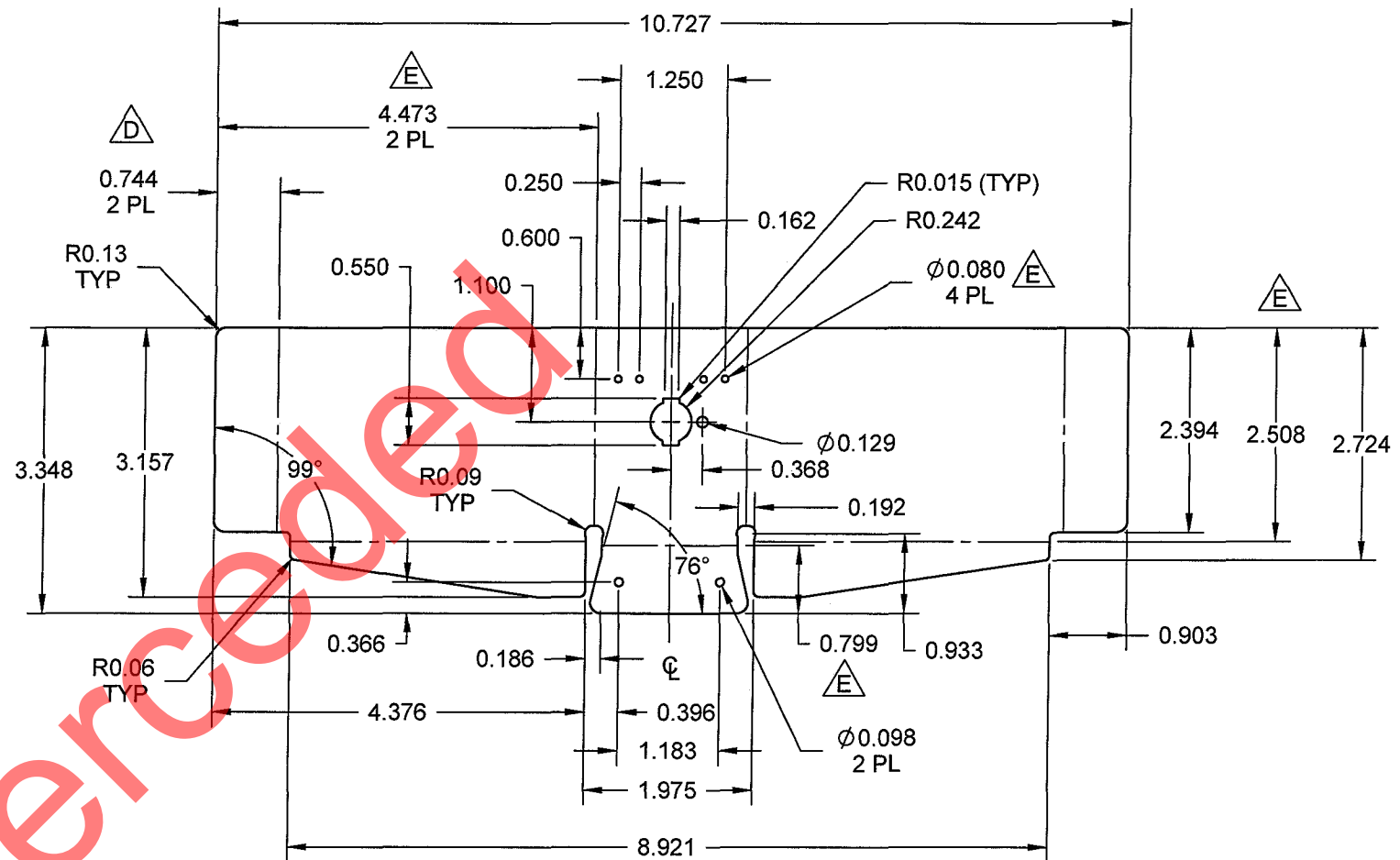
D212-725-1-051 GASKET

B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1 REV. B SHEET 23 OF 44
DATE 07.05.11	TITLE 212S DETAIL PARTS	SCALE 1:2
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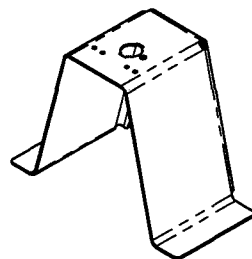




D212-725-1-061 BRACKET
(MAKE FROM D212-725-1-061F FLAT PATTERN)



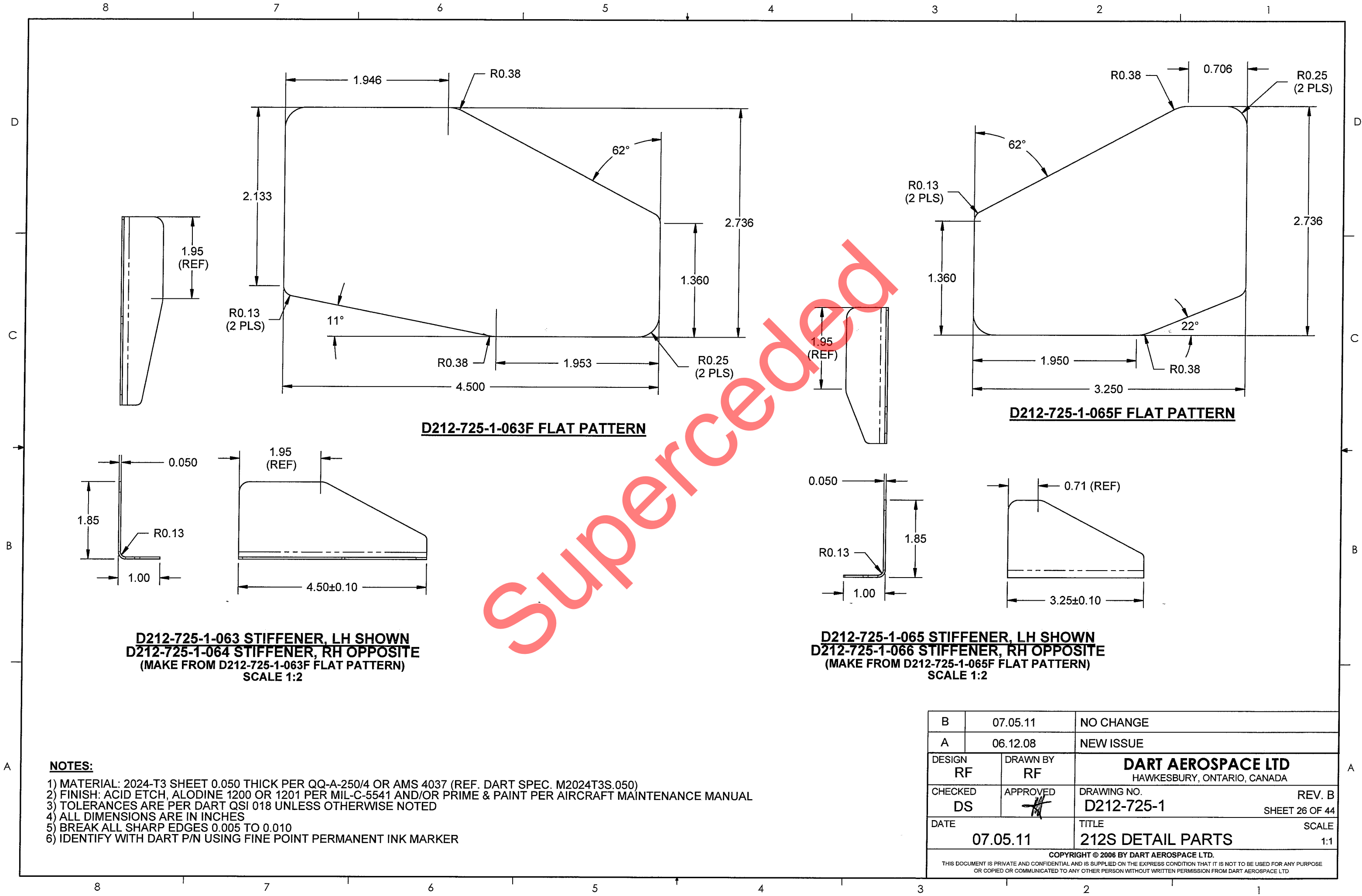
D212-725-1-061F FLAT PATTERN



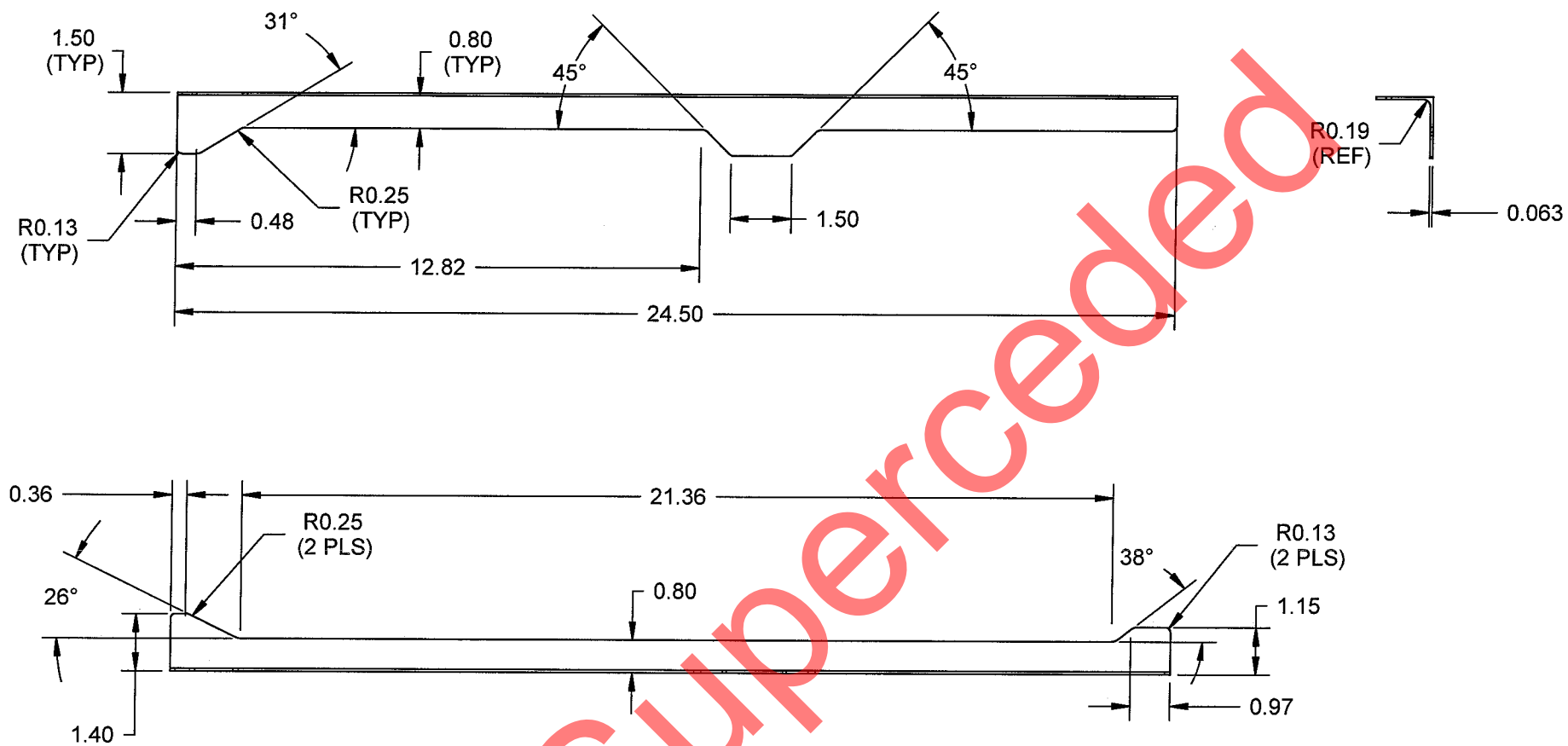
NOTES:

- 1) MATERIAL: 2024-T3 SHEET 0.040 THICK PER QQ-A-250/4 OR AMS 4037 (REF. DART SPEC. M2024T3S.040)
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME & PAINT PER AIRCRAFT MAINTENANCE MANUAL
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 6) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	RF	DRAWING NO.	REV. E
MFG. APPR.	N/A	D212-725-1	SHEET 25 OF 82
APPROVED		TITLE	SCALE
DE APPR.		212S DETAIL PARTS	NTS
DATE	08.09.17	COPYRIGHT © 2006 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	



B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1 REV. B SHEET 26 OF 44
DATE 07.05.11	TITLE 212S DETAIL PARTS	SCALE 1:1
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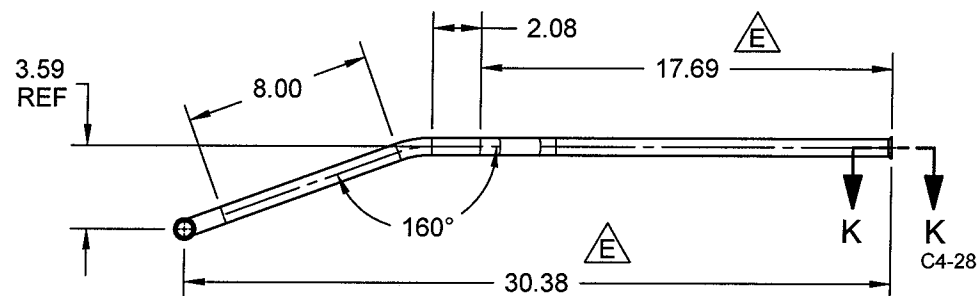
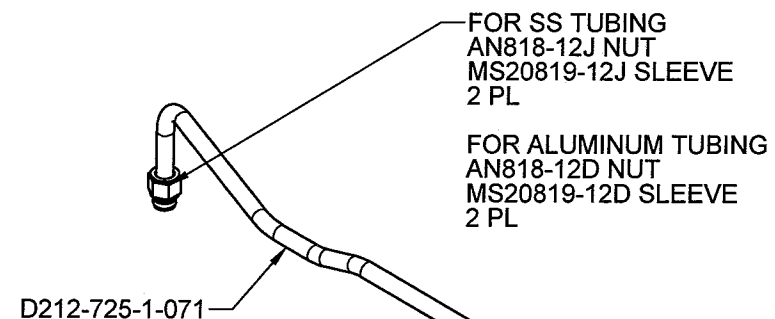
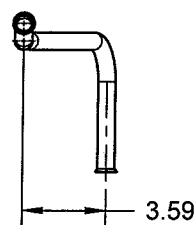
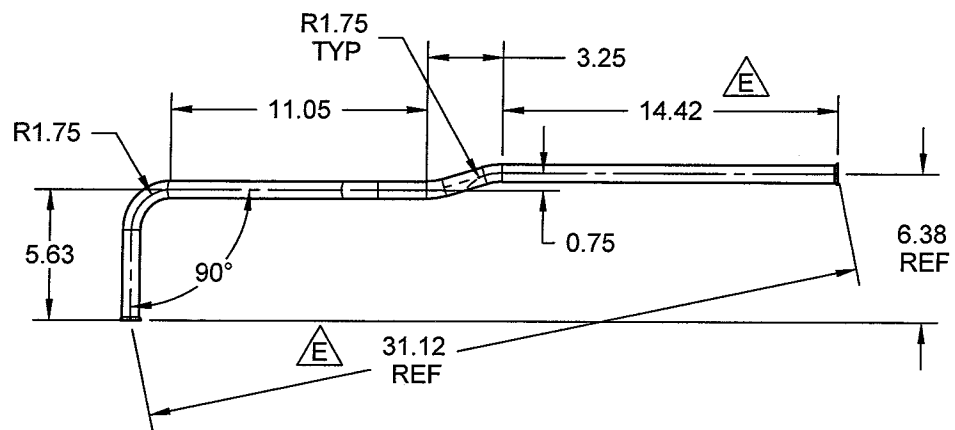


D212-725-1-069 STIFFENER

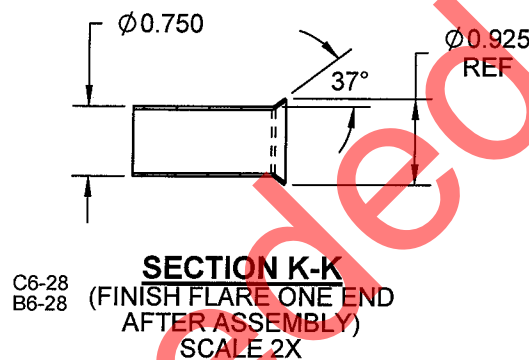
NOTES:

- 1) MATERIAL: 7075-T6 (QQ-A-200/11) ANGLE 0.063 THICK
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME & PAINT PER AIRCRAFT MAINTENANCE MANUAL
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 6) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

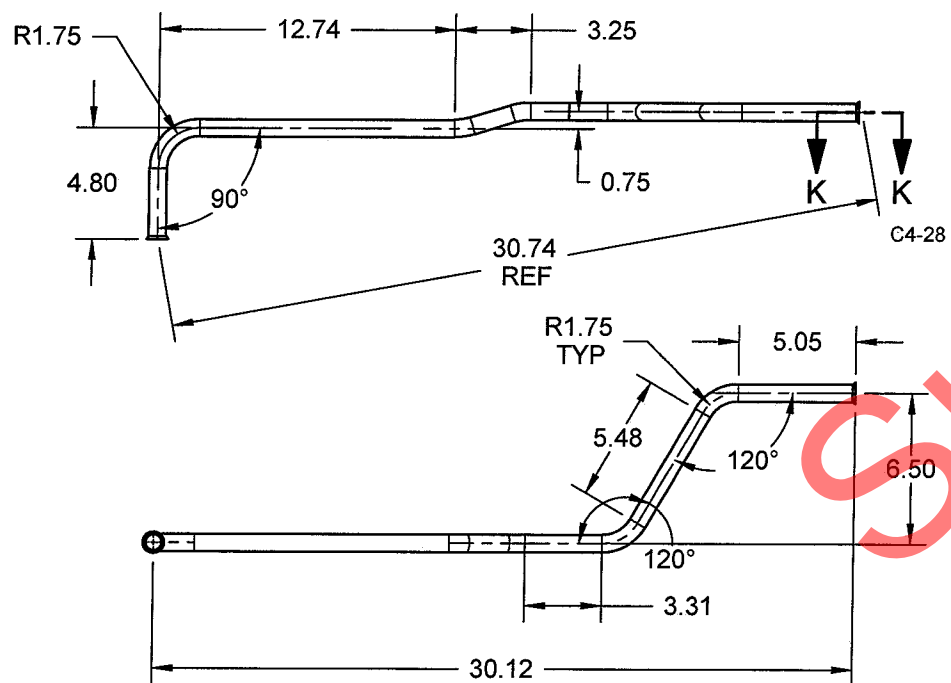
B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1 REV. B SHEET 27 OF 44
DATE 07.05.11	TITLE 212S DETAIL PARTS	SCALE 1:4
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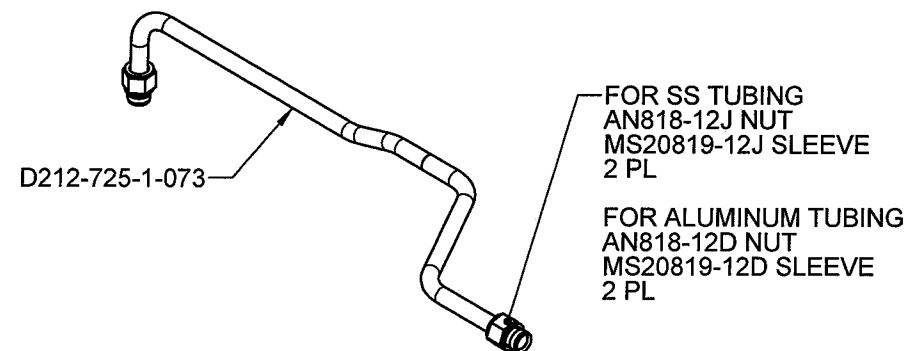
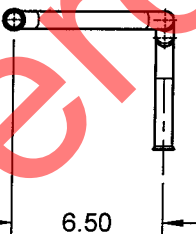
D212-725-1-071 DRAIN TUBING
MANUFACTURE PER TEMPLATE DT8908



D212-725-1-913 DRAIN TUBE ASSY



D212-725-1-073 DRAIN TUBING
MANUFACTURE PER TEMPLATE DT 8909

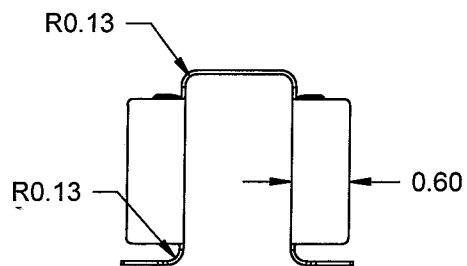
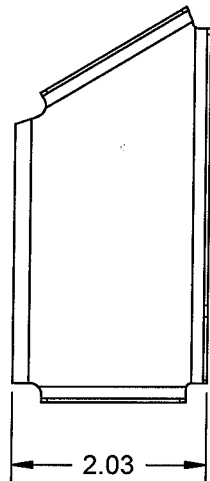
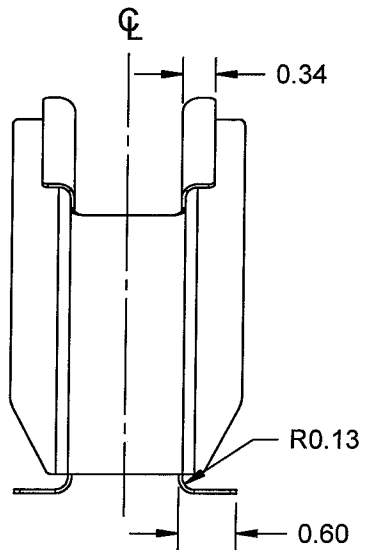
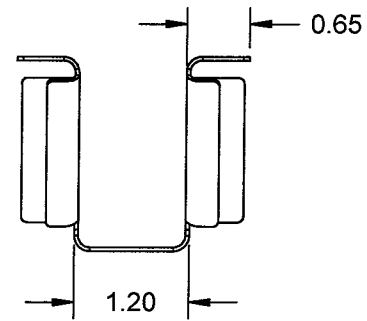


D212-725-1-915 DRAIN TUBE ASSY

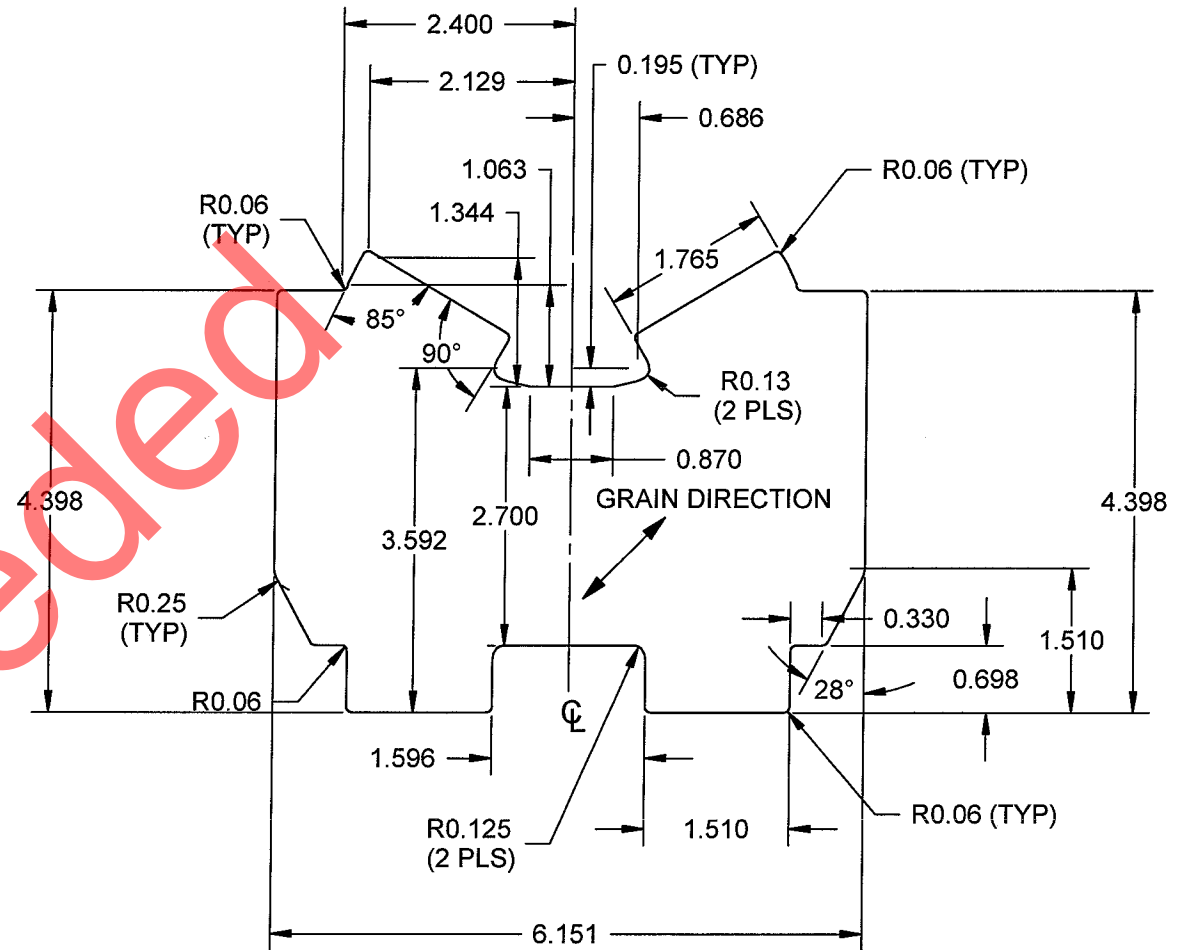
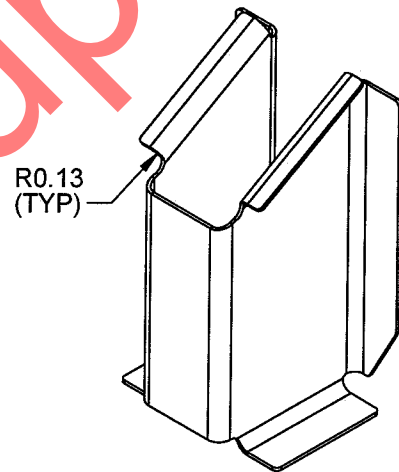
D212-725-1-071/-073:

- 1) MATERIAL: AISI 304/316 SS $\phi 0.750 \times 0.049$ WALL SEAMLESS ROUND TUBING (REF. DART SPEC. M304TR0.750W.049) OR 6061-T6 OR 6061-T62 ALUMINUM TUBING $\phi 0.750 \times 0.035$ WALL (REF. DART SPEC. M6061T6TR0.750W0.035)
- 2) FINISH: FOR ALUMINUM TUBING ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 6) IDENTIFY ASSEMBLY (-913/-915) WITH DART P/N USING FINE POINT PERMANENT INK MARKER

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	DS	DRAWING NO.	REV. E
MFG. APPR.	N/A	D212-725-1	SHEET 28 OF 82
APPROVED		TITLE	SCALE
DE APPR.		212S DETAIL PARTS	NTS
DATE	08.09.17	COPYRIGHT © 2006 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



D212-725-1-075 BRACKET
(MAKE FROM D212-725-1-075F FLAT PATTERN)

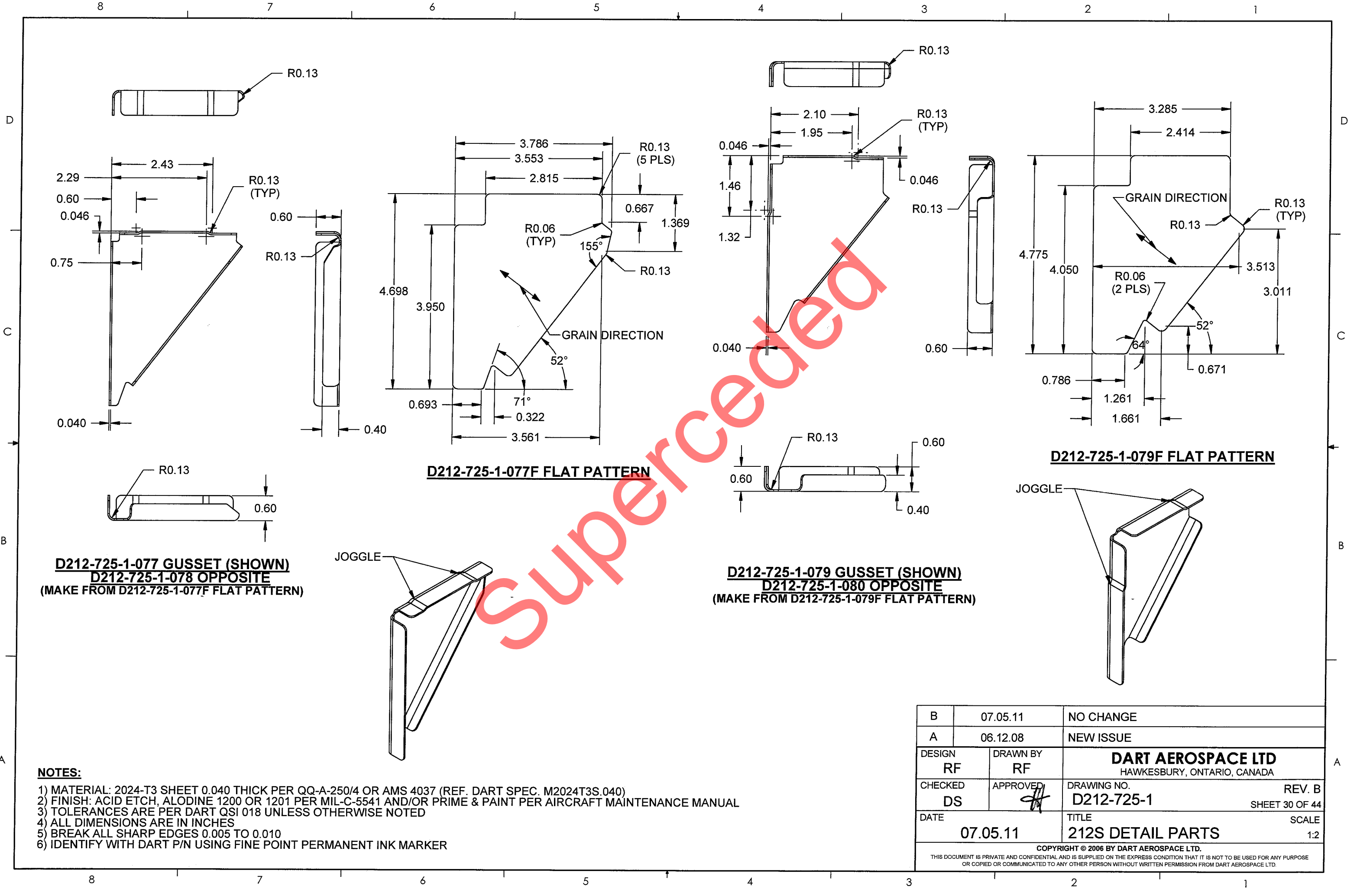


D212-725-1-075F FLAT PATTERN

NOTES:

- 1) MATERIAL: 2024-T3 SHEET 0.040 THICK PER QQ-A-250/4 OR AMS 4037 (REF. DART SPEC. M2024T3S.040)
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME & PAINT PER AIRCRAFT MAINTENANCE MANUAL
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 6) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1 REV. B SHEET 29 OF 44
DATE 07.05.11	TITLE 212S DETAIL PARTS	SCALE 1:2
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**D212-725-1-077 GUSSET (SHOWN)
D212-725-1-078 OPPOSITE
(MAKE FROM D212-725-1-077F FLAT PATTERN)**

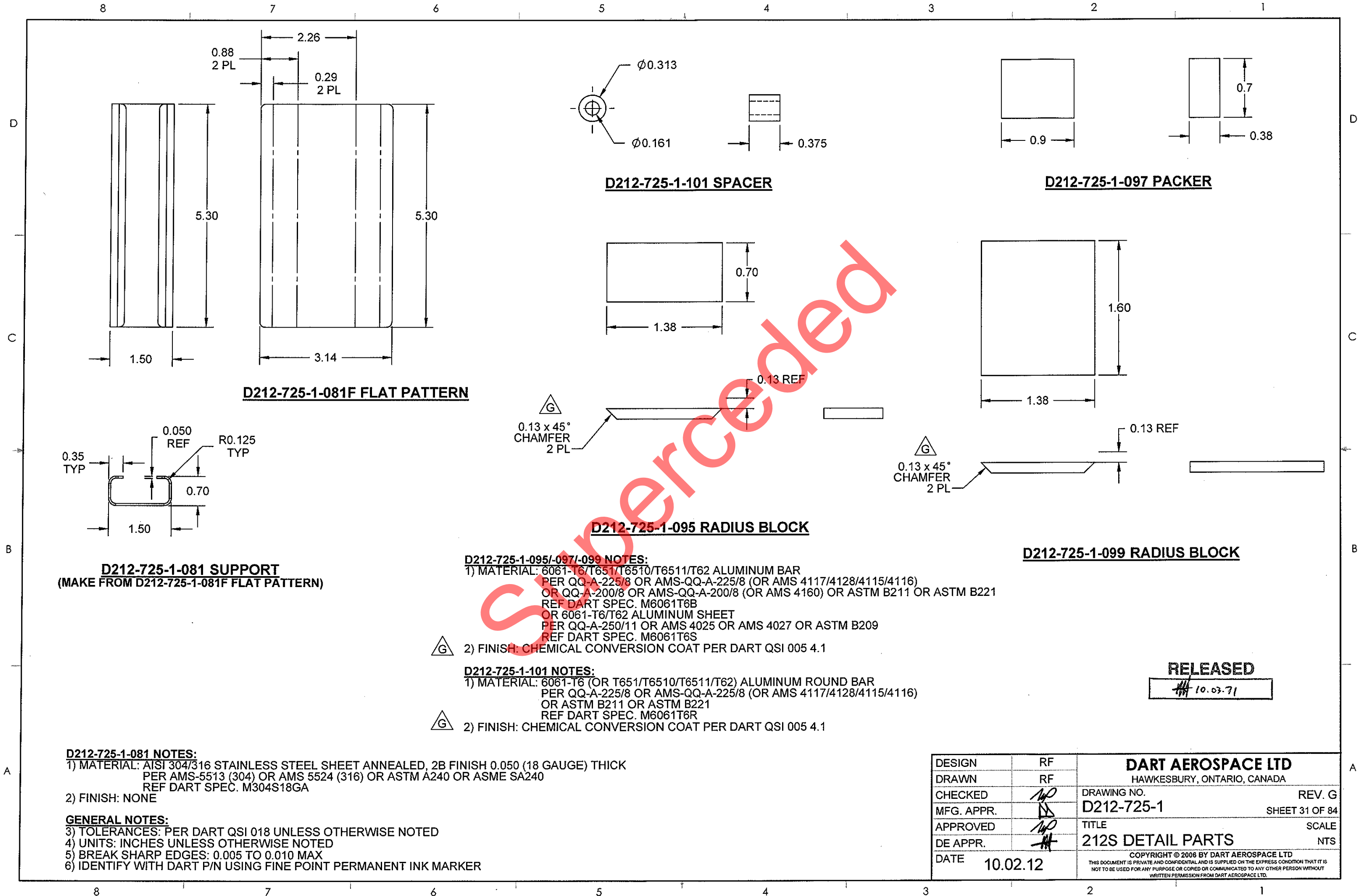
D212-725-1-077F FLAT PATTERN

**D212-725-1-079 GUSSET (SHOWN)
D212-725-1-080 OPPOSITE
(MAKE FROM D212-725-1-079F FLAT PATTERN)**

D212-725-1-079F FLAT PATTERN

- NOTES:**
- 1) MATERIAL: 2024-T3 SHEET 0.040 THICK PER QQ-A-250/4 OR AMS 4037 (REF. DART SPEC. M2024T3S.040)
 - 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME & PAINT PER AIRCRAFT MAINTENANCE MANUAL
 - 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) ALL DIMENSIONS ARE IN INCHES
 - 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
 - 6) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1 REV. B SHEET 30 OF 44
DATE 07.05.11	TITLE 212S DETAIL PARTS	SCALE 1:2
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D212-725-1-101 SPACER

D212-725-1-097 PACKER

D212-725-1-081F FLAT PATTERN

D212-725-1-095 RADIUS BLOCK

D212-725-1-099 RADIUS BLOCK

D212-725-1-095/-097/-099 NOTES:

- 1) MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
PER QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160) OR ASTM B211 OR ASTM B221
REF DART SPEC. M6061T6B
OR 6061-T6/T62 ALUMINUM SHEET
PER QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209
REF DART SPEC. M6061T6S
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1

D212-725-1-101 NOTES:

- 1) MATERIAL: 6061-T6 (OR T651/T6510/T6511/T62) ALUMINUM ROUND BAR
PER QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
OR ASTM B211 OR ASTM B221
REF DART SPEC. M6061T6R
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1

D212-725-1-081 NOTES:





- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET ANNEALED, 2B FINISH 0.050 (18 GAUGE) THICK
PER AMS-5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240
REF DART SPEC. M304S18GA
- 2) FINISH: NONE

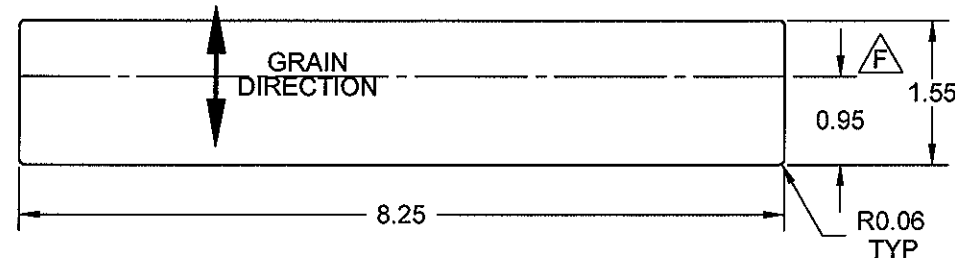
GENERAL NOTES:

- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

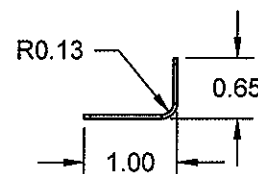
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10.02.12

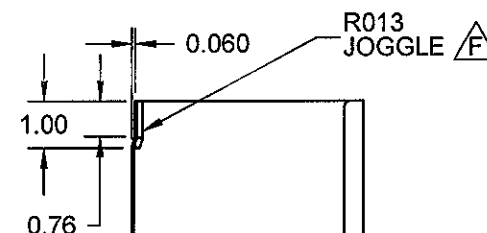
DESIGN	RF	DART AEROSPACE LTD	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. G
MFG. APPR.		D212-725-1	SHEET 31 OF 84
APPROVED		TITLE	SCALE
DE APPR.		212S DETAIL PARTS	NTS
DATE	10.02.12	COPYRIGHT © 2006 BY DART AEROSPACE LTD	
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D212-725-1-107F FLAT PATTERN

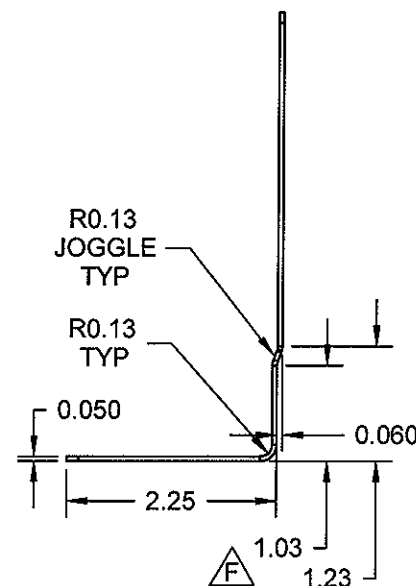
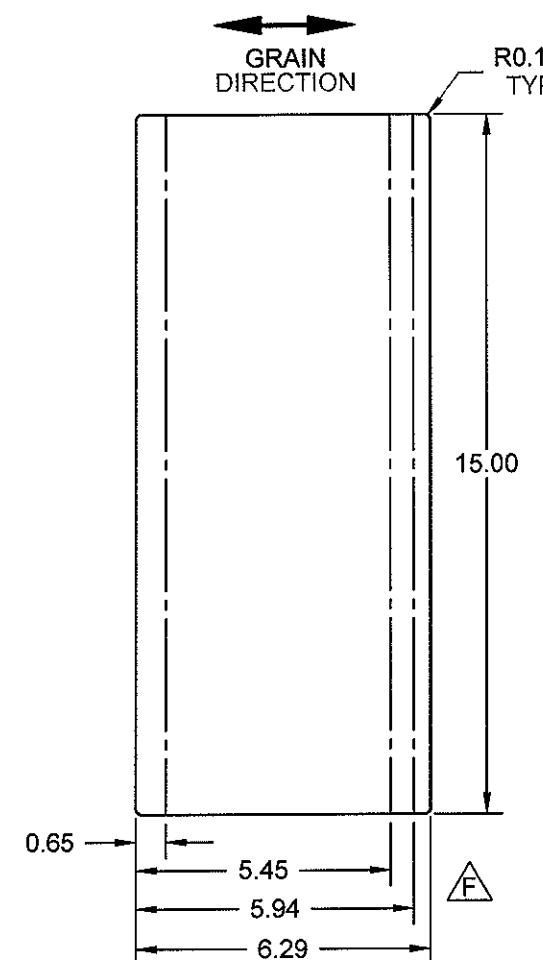


D212-725-1-107 ANGLE
(MAKE FROM D212-725-1-107F FLAT PATTERN)

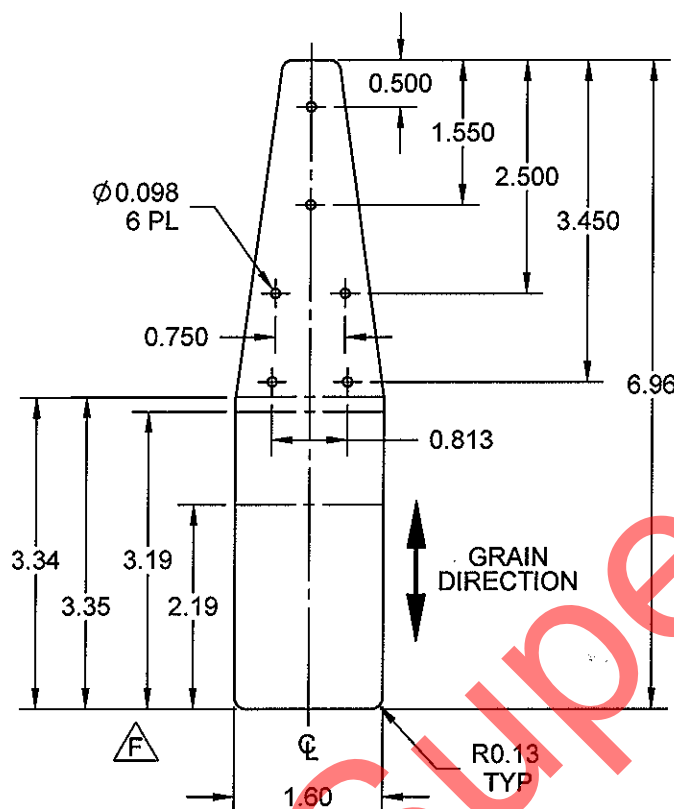


D212-725-1-083 SHELF SPLICE
D212-725-1-084 OPPOSITE
(MAKE FROM D212-725-1-083F FLAT PATTERN)

D212-725-1-083F FLAT PATTERN



D212-725-1-085 BRACKET
(MAKE FROM D212-725-1-085F FLAT PATTERN)



D212-725-1-085F FLAT PATTERN

D212-725-1-085 NOTE:

1) MATERIAL: 2024-T3 SHEET 0.050 THICK PER QQ-A-250/4 OR AMS 4037
(REF. DART SPEC. M2024T3S.050)

D212-725-1-107 NOTE:

2) MATERIAL: 2024-T3 SHEET 0.040 THICK PER QQ-A-250/4 OR AMS 4037
(FER. DART SPEC. M2024T3S.040)

GENERAL NOTES:

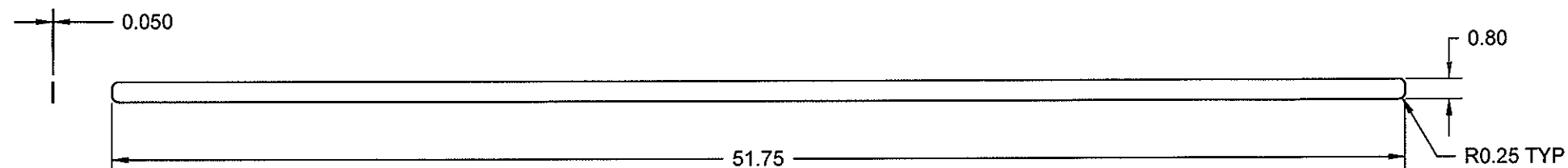
- 3) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541, AND/OR PRIME & PAINT PER AIRCRAFT MAINTENANCE MANUAL UPON INSTALLATION
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 7) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

D212-725-1-083/-084 NOTES:

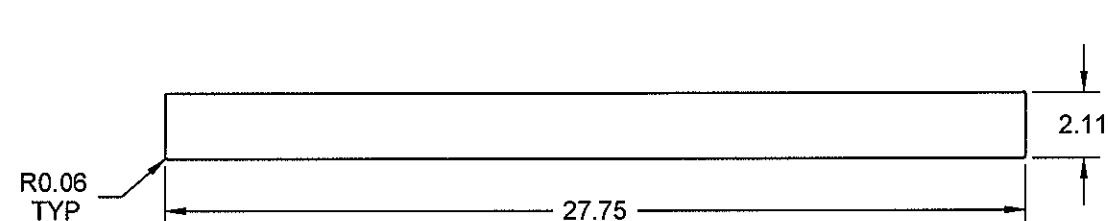
- 1) MATERIAL: 2024-T3 SHEET 0.050 THICK PER QQ-A-250/4
(REF. DART SPEC. M2024T3S.050)
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME & PAINT PER AIRCRAFT MAINTENANCE MANUAL UPON INSTALLATION
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 6) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

RELEASED
09/04/07

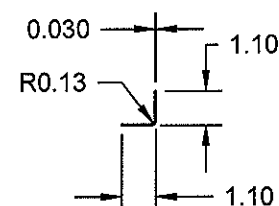
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DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	DS	DRAWING NO.	REV. F
MFG. APPR.		D212-725-1	SHEET 32 OF 84
APPROVED		TITLE	SCALE
DE APPR.		212S DETAIL PARTS	NTS
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D212-725-1-089 STRAP



D212-725-1-091F FLAT PATTERN

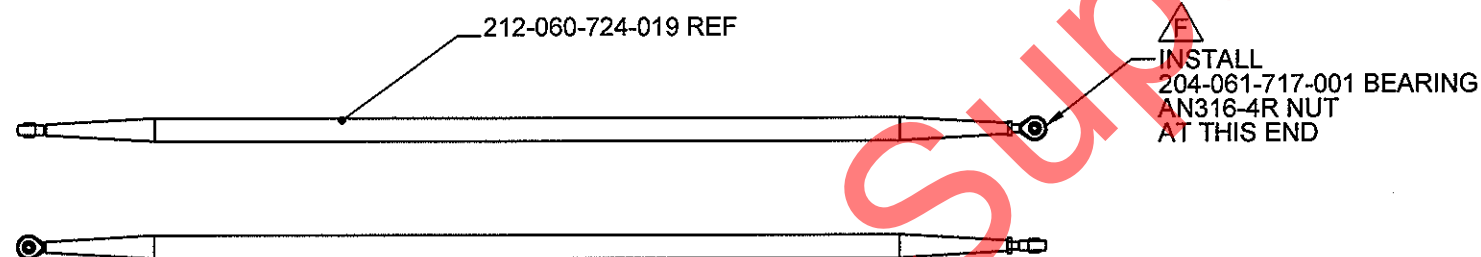


D212-725-1-091 ANGLE
(MAKE FROM D212-725-1-091F FLAT PATTERN)

D212-725-1-089 NOTES:
1) MATERIAL: AISI 301 STAINLESS STEEL 1/4 OR 1/2 HARD 0.050 (18 GAUGE) SHEET, PER AMS-5517/-5518

D212-725-1-091 NOTES:
2) MATERIAL: AISI 304/316 STAINLESS STEEL 0.030 (22 GAUGE) SHEET, PER AMS-5513/-5524 (REF. DART SPEC. M304S22GA)

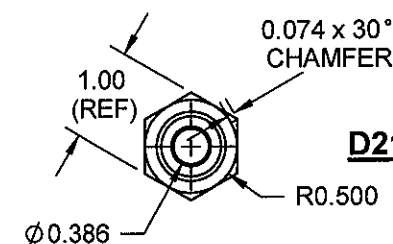
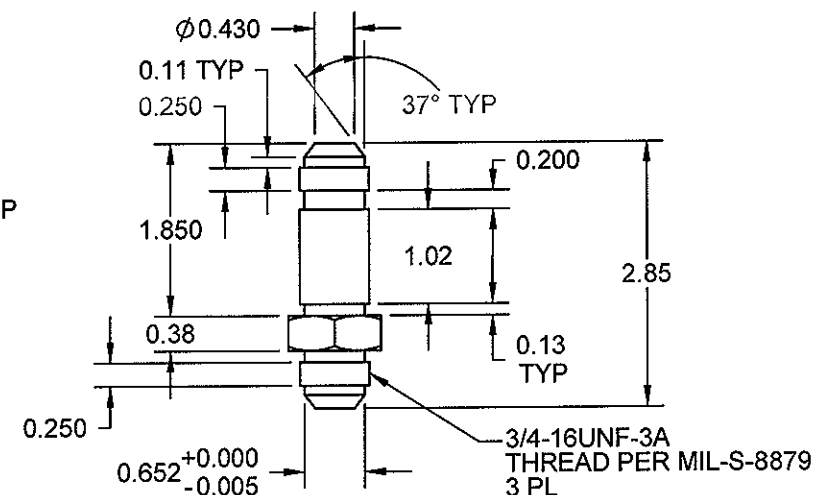
GENERAL NOTES:
3) FINISH: NONE
4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
5) ALL DIMENSIONS ARE IN INCHES
6) BREAK ALL SHARP EDGES 0.005 TO 0.010
7) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER



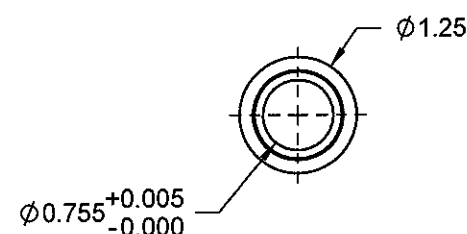
D212-725-1-919 ROD ASSEMBLY
(MADE FROM 212-060-724-019)

D212-725-1-919 NOTES:

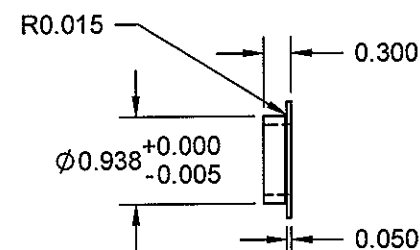
1) MATERIAL: MADE FROM 212-060-724-019 TUBE ASSEMBLY
2) FINISH: NONE
3) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER



D212-725-1-093 UNION
SCALE 2X



D212-725-1-105 BUSHING
SCALE 2X



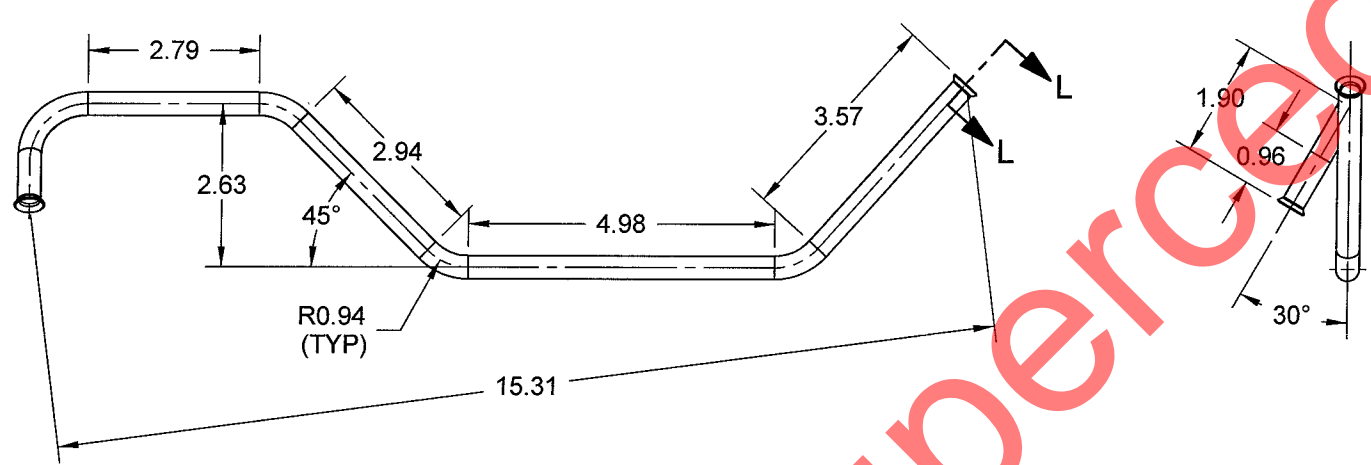
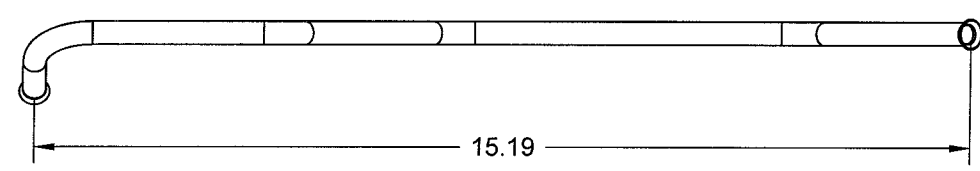
D212-725-1-105 BUSHING:
1) MATERIAL: AISI 303/304/316 STAINLESS STEEL ROUND BAR (REF. DART SPEC. M303R)

D212-725-1-093 UNION:
2) MATERIAL: AISI 303 STAINLESS STEEL HEX BAR (REF. DART SPEC. M303H)

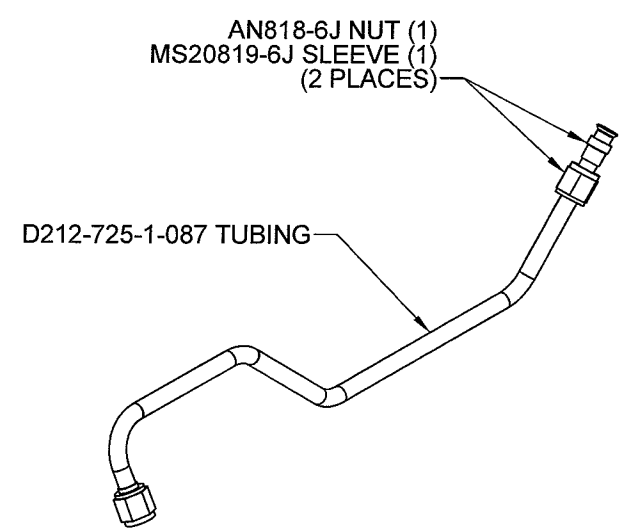
GENERAL NOTES:
3) FINISH: NONE
4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
5) ALL DIMENSIONS ARE IN INCHES
6) BREAK ALL SHARP EDGES 0.005 TO 0.010
7) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

RELEASED
09/04/07 MP

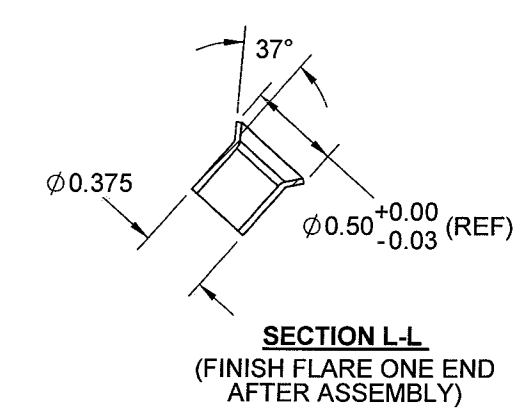
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DRAWN	RF		
CHECKED	DS	DRAWING NO.	REV. F
MFG. APPR.		D212-725-1	SHEET 33 OF 84
APPROVED		TITLE	SCALE
DE APPR.		212S DETAIL PARTS	NTS
DATE	09.02.02	COPYRIGHT © 2006 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



D212-725-1-087 TUBING
MANUFACTURE PER TEMPLATE DT8910

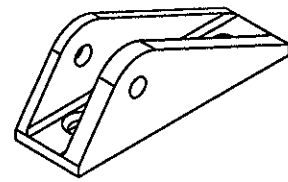


D212-725-1-917 TUBE ASSEMBLY

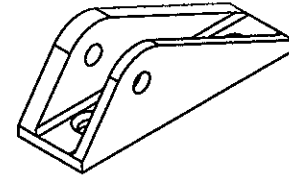


- NOTES:**
- 1) MATERIAL: AISI 304/316 SS $\phi 0.375 \times 0.035$ WALL SEAMLESS ROUND TUBING (REF. DART SPEC. M304TR0.375W.035)
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY WITH DART P/N D212-725-1-917 USING FINE POINT PERMANENT INK MARKER
 - 7) WEIGHT: N/A

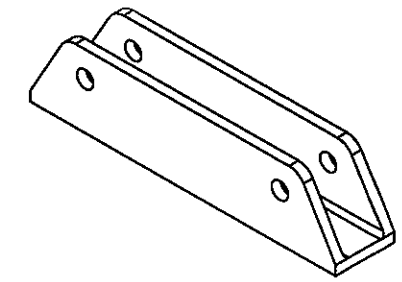
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DRAWN	RF		
CHECKED	DS	DRAWING NO.	REV. C
MFG. APPR.		D212-725-1	SHEET 34 OF 49
APPROVED		TITLE	SCALE
DE APPR.		212S DETAIL PARTS	1:3
DATE	07.12.04	COPYRIGHT © 2006 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	



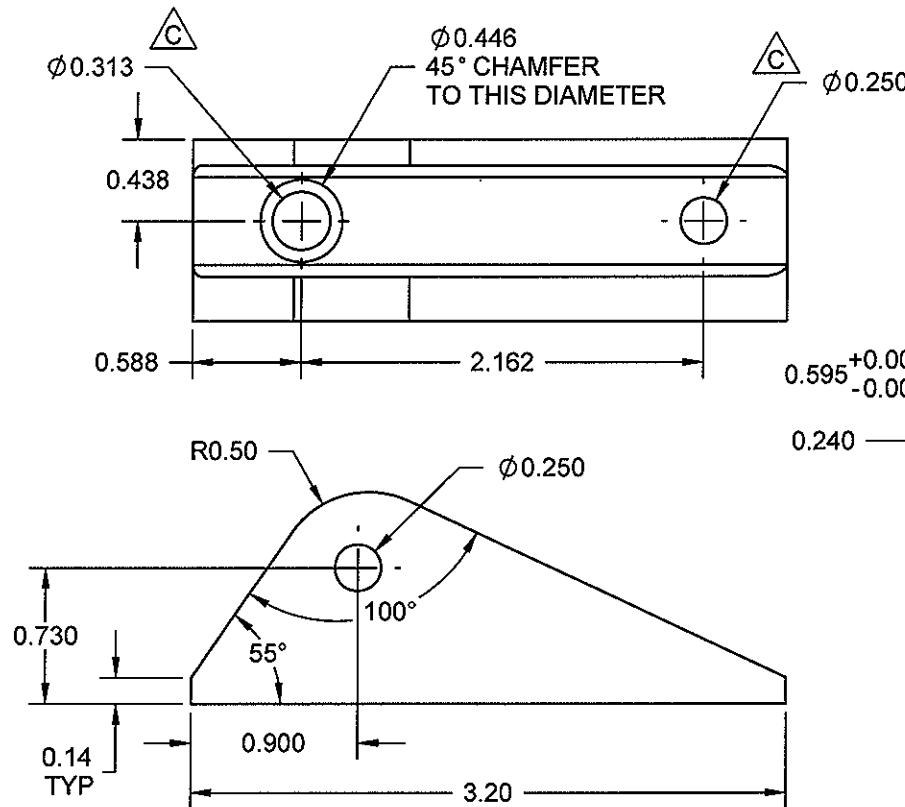
D212-725-1-109 SHOWN



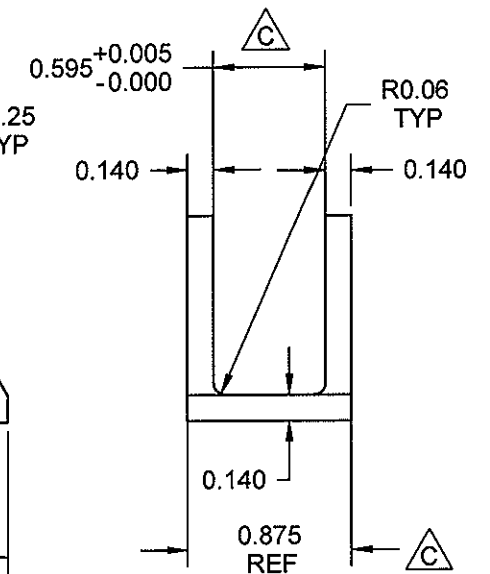
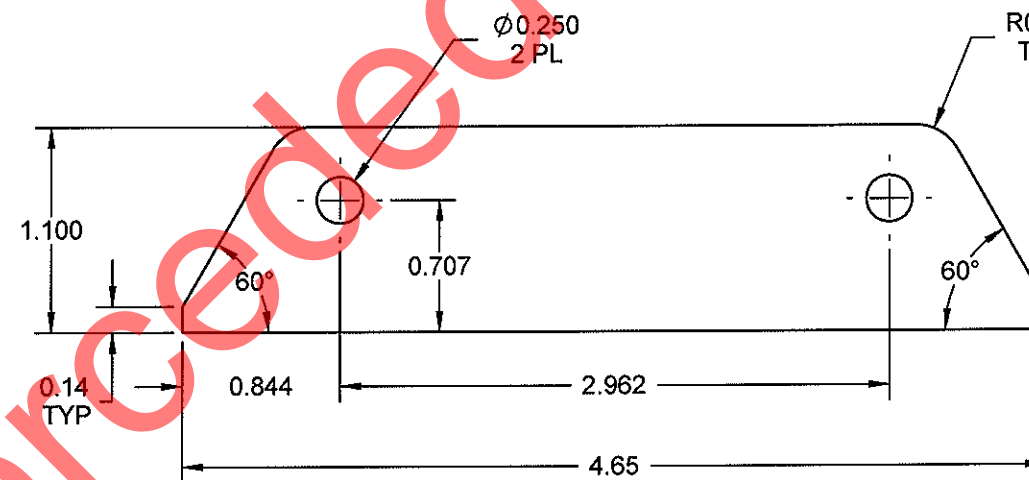
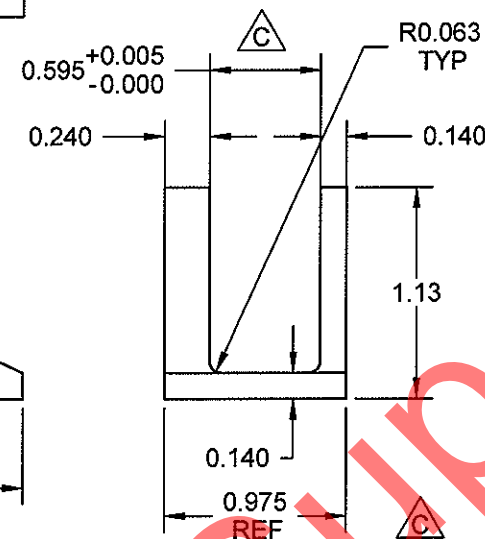
D212-725-1-110 SHOWN



D212-725-1-111 LARGE ENGINE MOUNT



D212-725-1-109 SMALL ENGINE MOUNT
D212-725-1-110 OPPOSITE

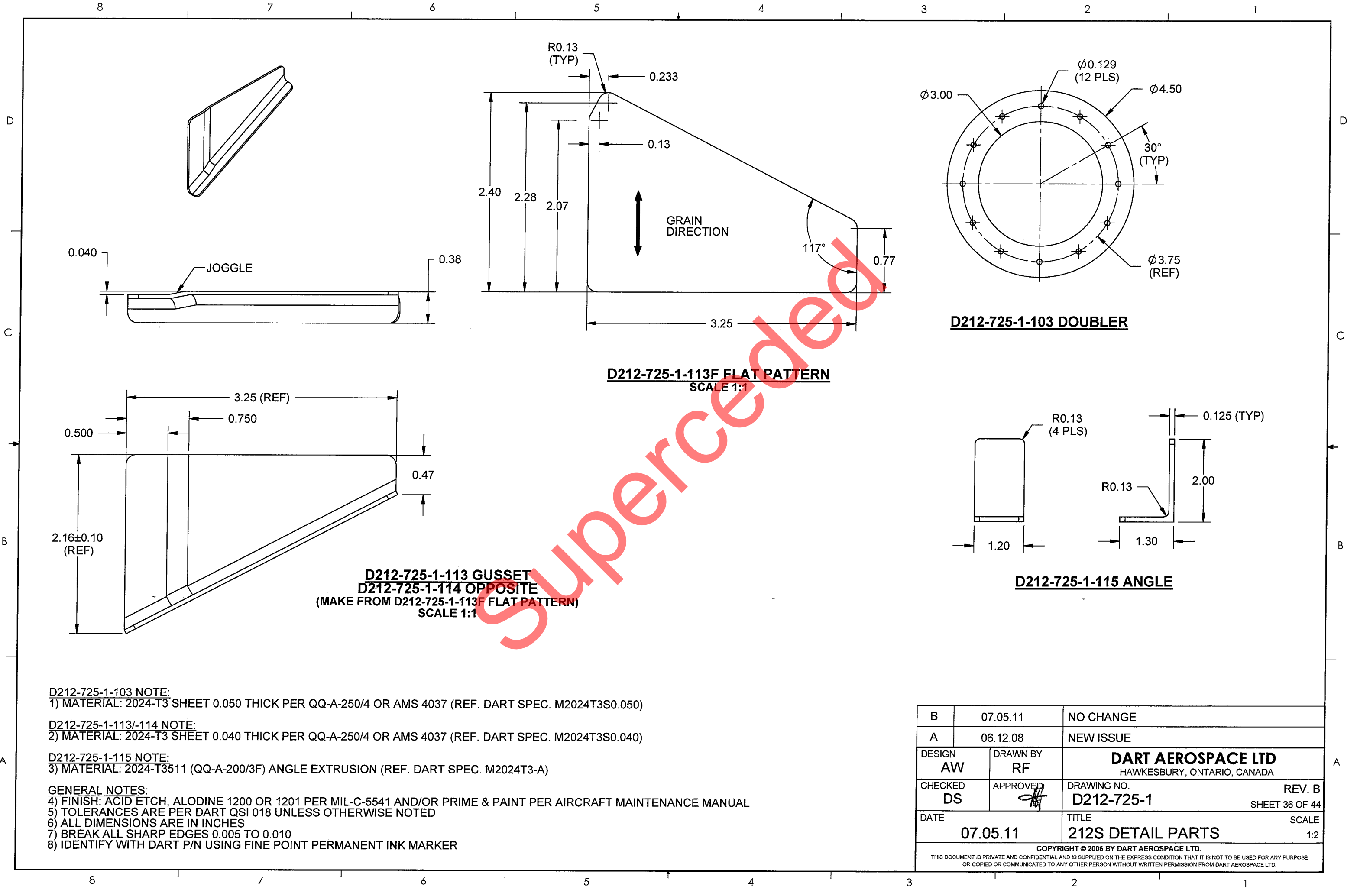


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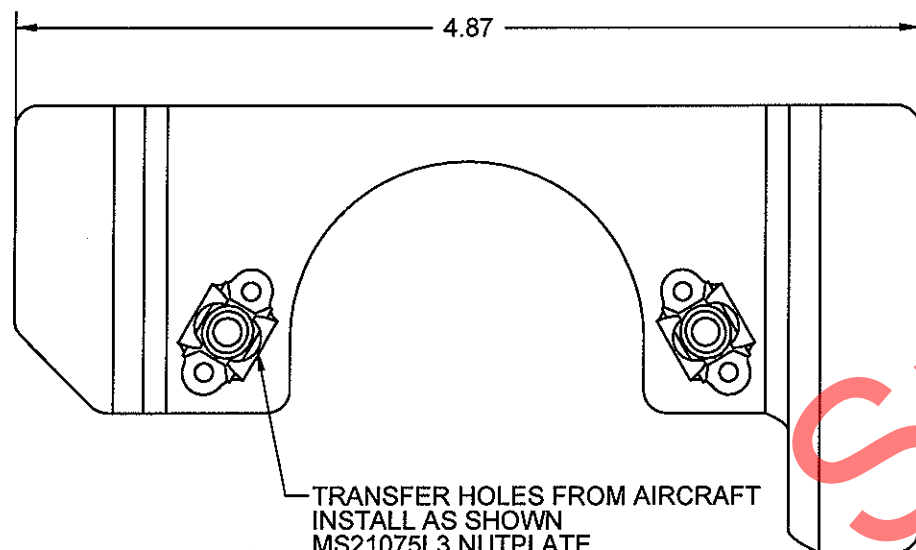
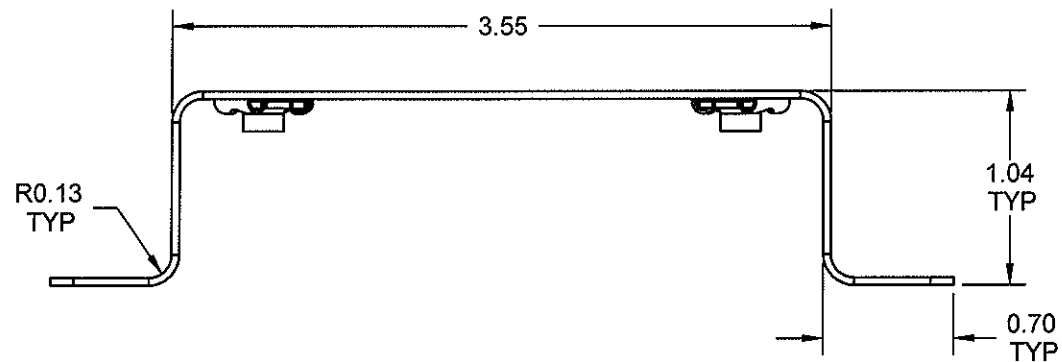
D212-725-1-109/-110/-111 NOTES:

- 1) MATERIAL: AISI 4140/4130 STEEL BAR PER MIL-S-5626/-6758 OR AMS 6382/6349/6529 OR AMS 6348/6370/6528 (REF. DART SPEC. M4140N-B OR M4130N-B)
HEAT TREAT TO MIN. ULTIMATE TENSILE STRENGTH = 125 ksi
- 2) FINISH: CADMIUM PLATE PER AMS-QQ-P-416B, CLASS I, TYPE II
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: N/A

DESIGN	JL	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	DS	DRAWING NO.	REV. F
MFG. APPR.		D212-725-1	SHEET 35 OF 84
APPROVED		TITLE	SCALE
DE APPR.		212S DETAIL PARTS	NTS
DATE	09.02.02	COPYRIGHT © 2006 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

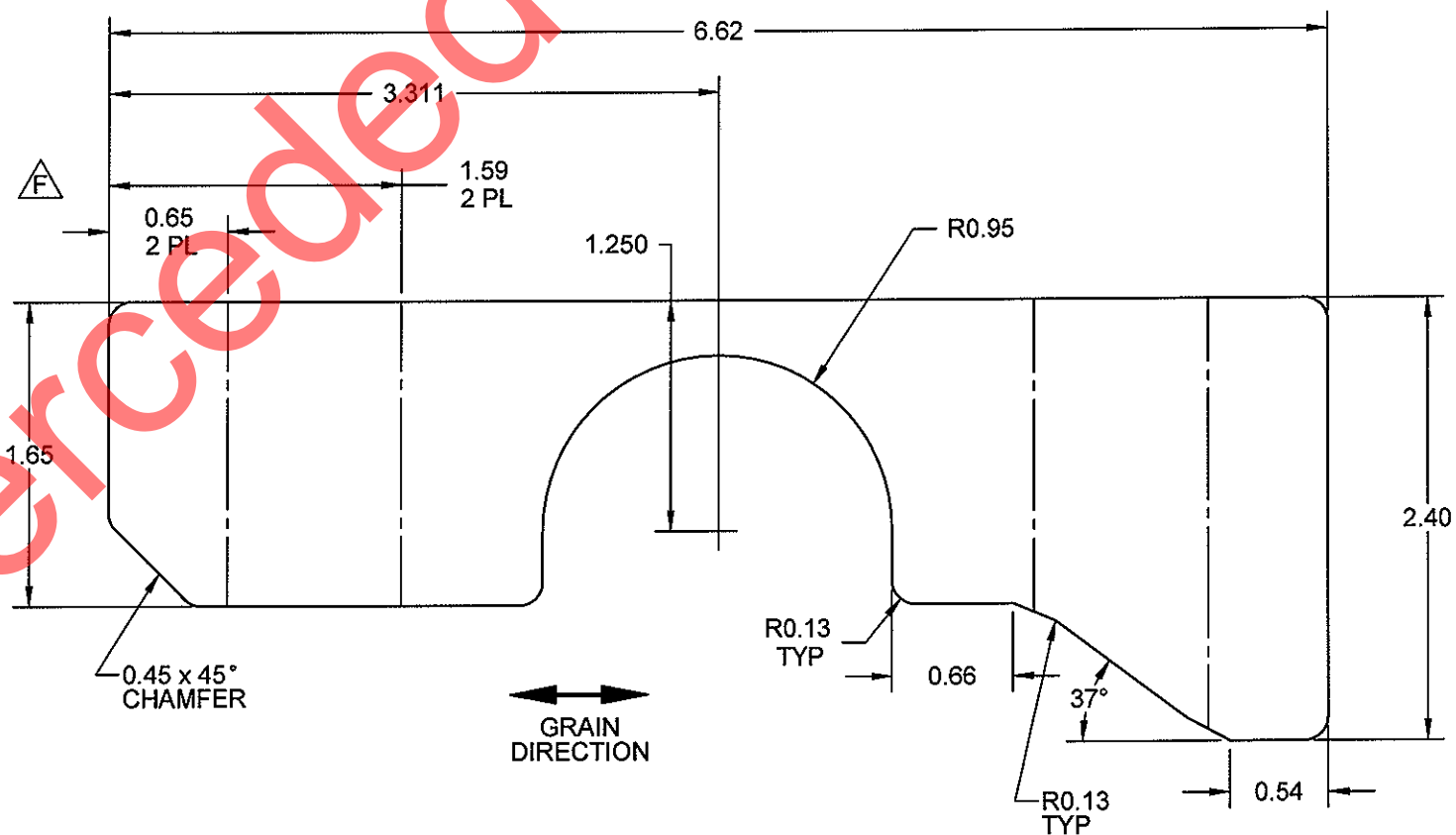
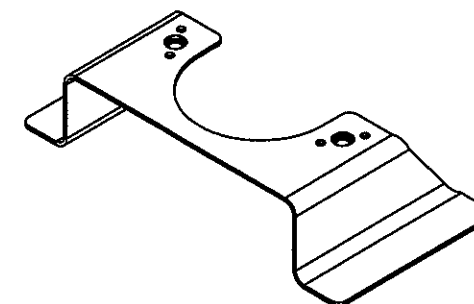


B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN AW	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1 REV. B SHEET 36 OF 44
DATE 07.05.11	TITLE 212S DETAIL PARTS	SCALE 1:2
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TRANSFER HOLES FROM AIRCRAFT
INSTALL AS SHOWN
MS21075L3 NUTPLATE
MS20426AD3 RIVET, 2 PL
2 PL

D212-725-1-117 FAIRLEAD BRACKET
(MAKE FROM D212-725-1-117F FLAT PATTERN)



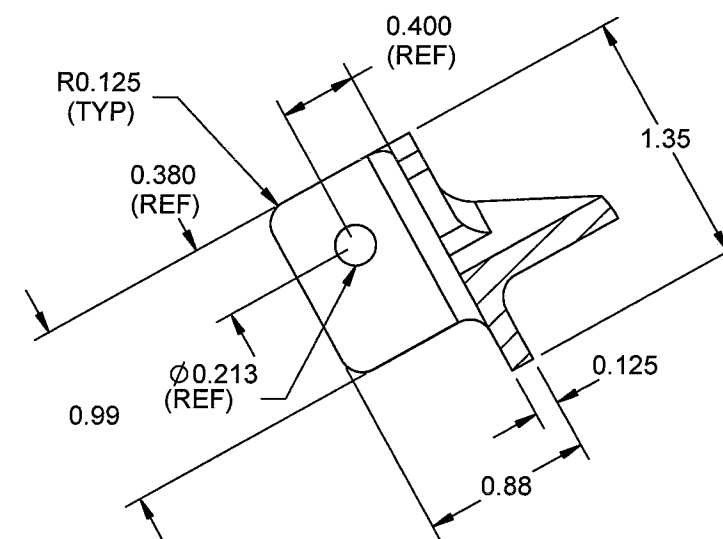
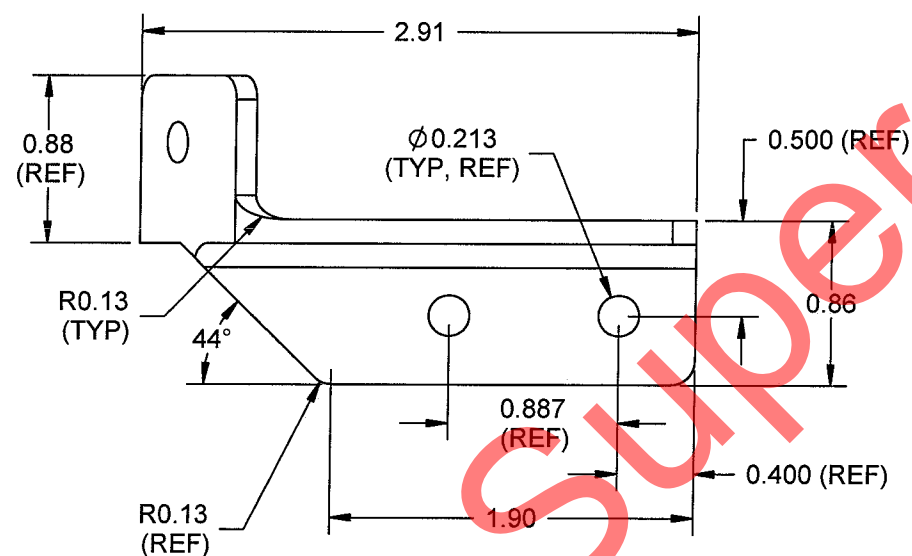
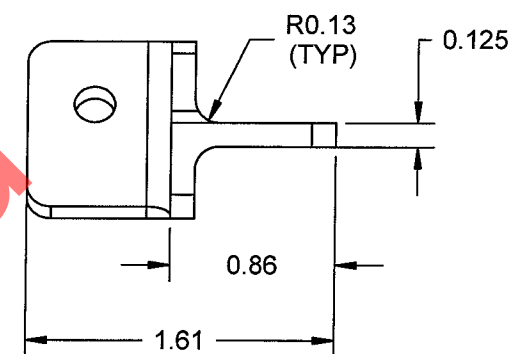
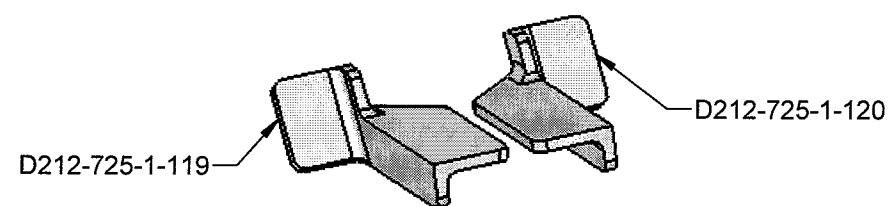
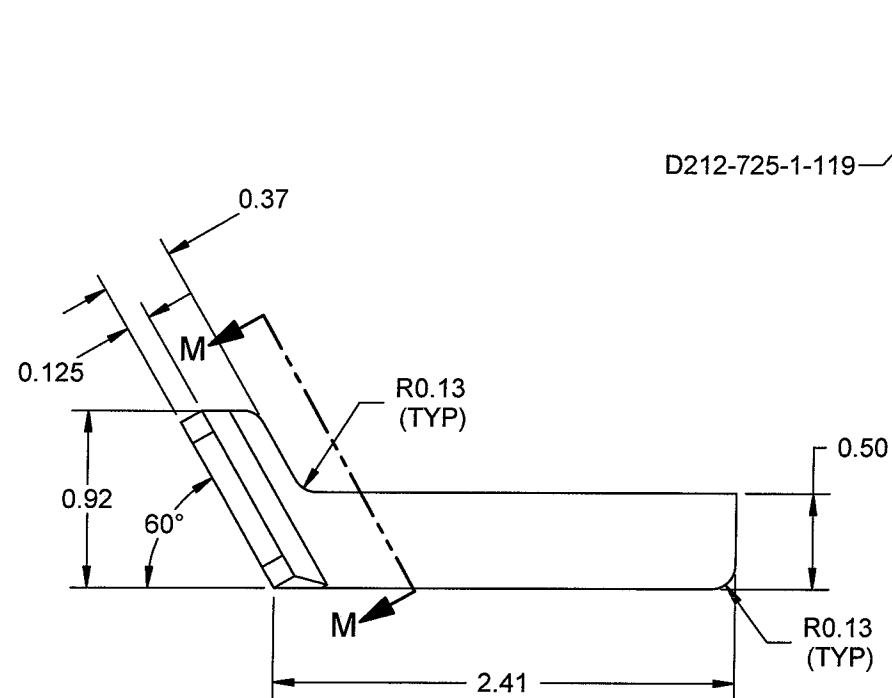
D212-725-1-117F FLAT PATTERN

RELEASED
09/01/02

NOTES:

- 1) MATERIAL: 2024-T3 SHEET 0.040 THICK PER QQ-A-250/4 OR AMS 4037 (REF. DART M2024T3S.040)
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME & PAINT PER AIRCRAFT MAINTENANCE MANUAL UPON INSTALLATION
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 6) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	DS	DRAWING NO. D212-725-1	REV. F
MFG. APPR.			SHEET 37 OF 84
APPROVED		TITLE 212S DETAIL PARTS	SCALE NTS
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DATE	09.02.02		




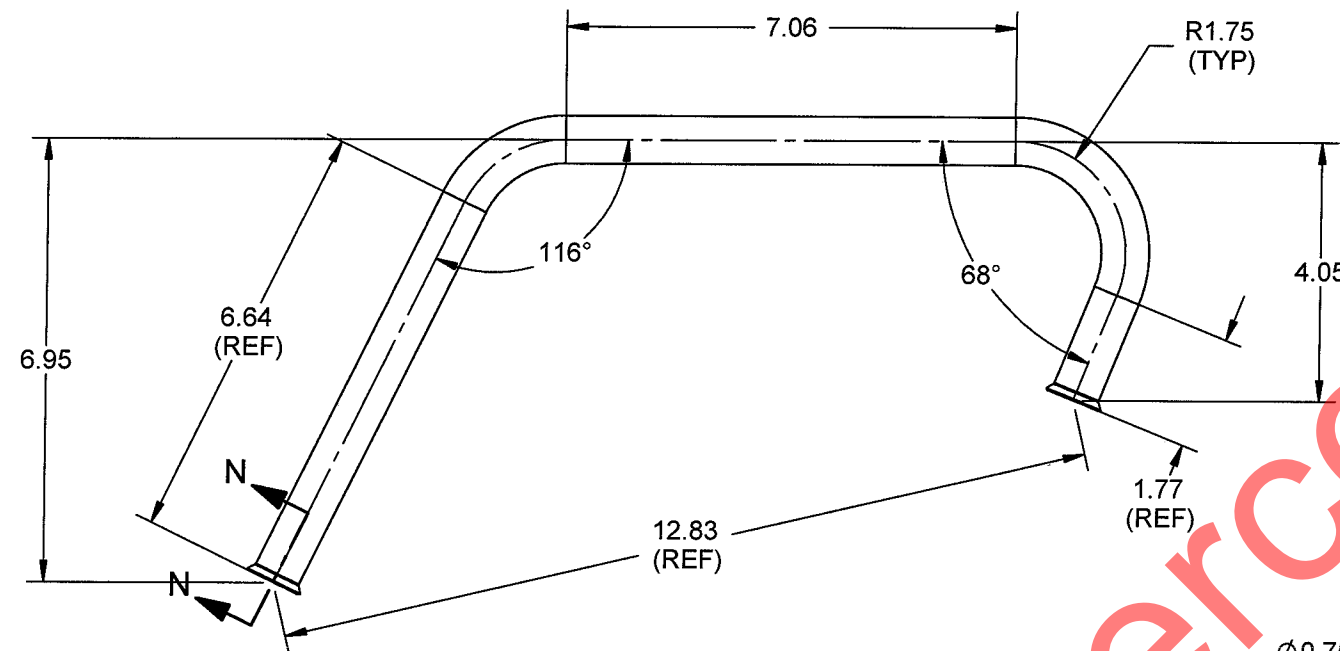
**D212-725-1-119 COWL BRACKET, SHOWN
D212-725-1-120 OPPOSITE**
($\phi 0.213$ HOLES TRANSFER FROM AIRCRAFT)

SECTION M-M

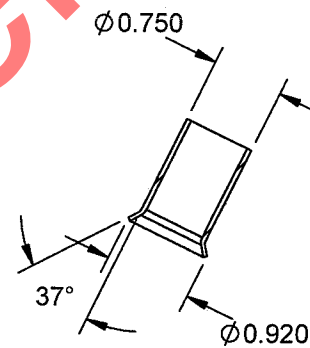
NOTES:

- 1) MATERIAL: 6061-T6 (QQ-A-200/8) OR (QQ-A-225/8) BAR (REF. DART SPEC. M6061T6B)
- 2) FINISH: ACID ETCH ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME & PAINT PER AIRCRAFT MAINTENANCE MANUAL
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 6) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

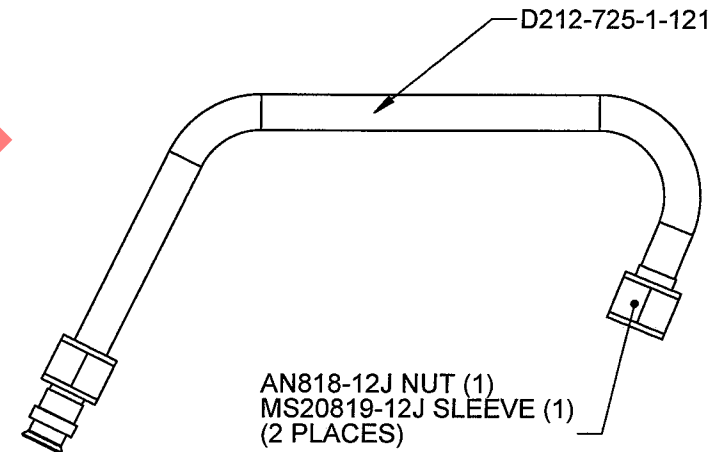
B	07.05.11	ADDED D212-725-1-119/-120	
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1	REV. 1 SHEET 38 OF 44
DATE 07.05.11		TITLE 212S DETAIL PARTS	SCALE 1:
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D212-725-1-121 TUBING
MANUFACTURE PER TEMPLATE DT8911



SECTION N-N
(FINISH FLARE ONE END
AFTER ASSEMBLY)
SCALE 1 : 2

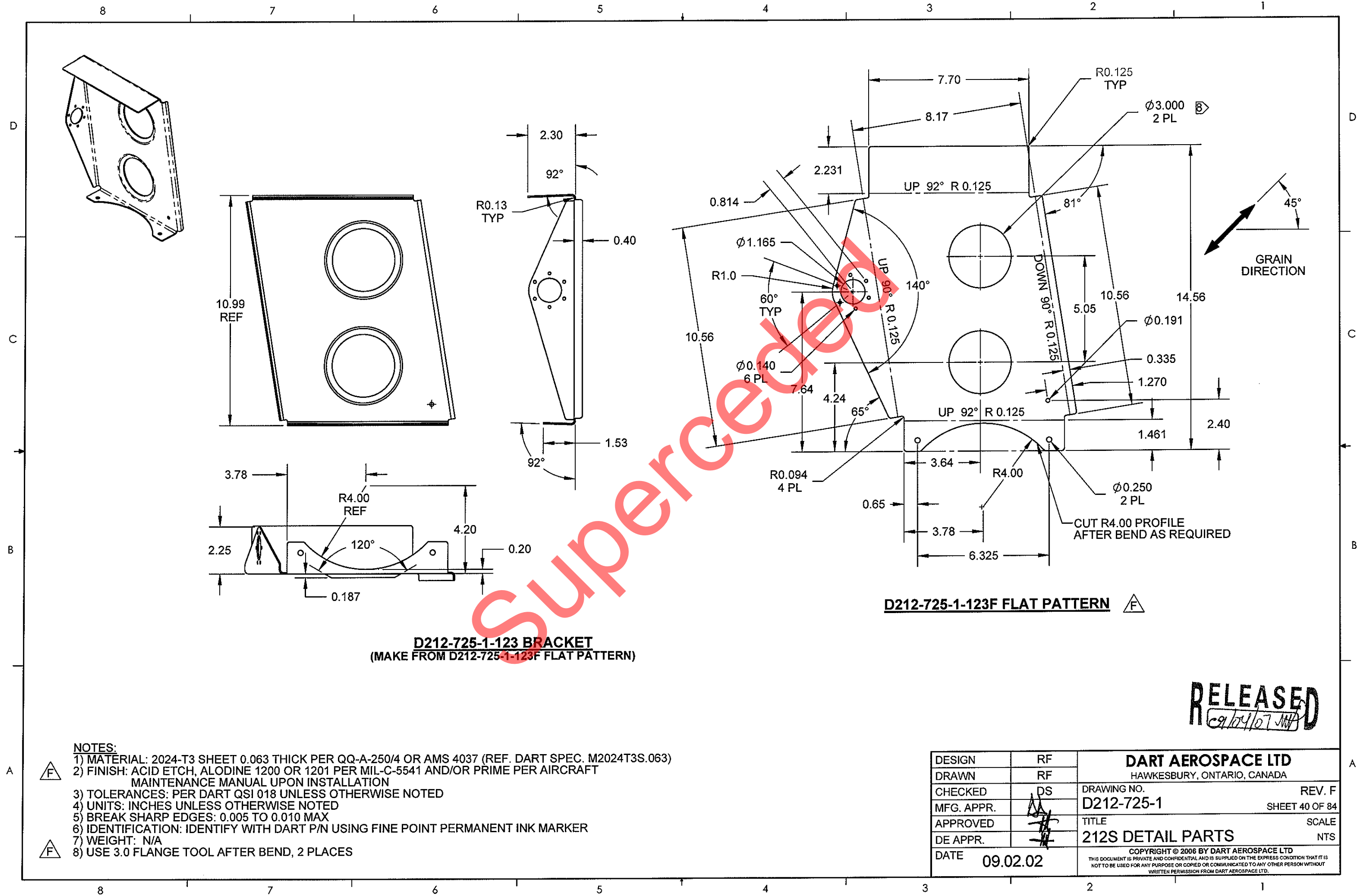


D212-725-1-921 TUBE ASSEMBLY

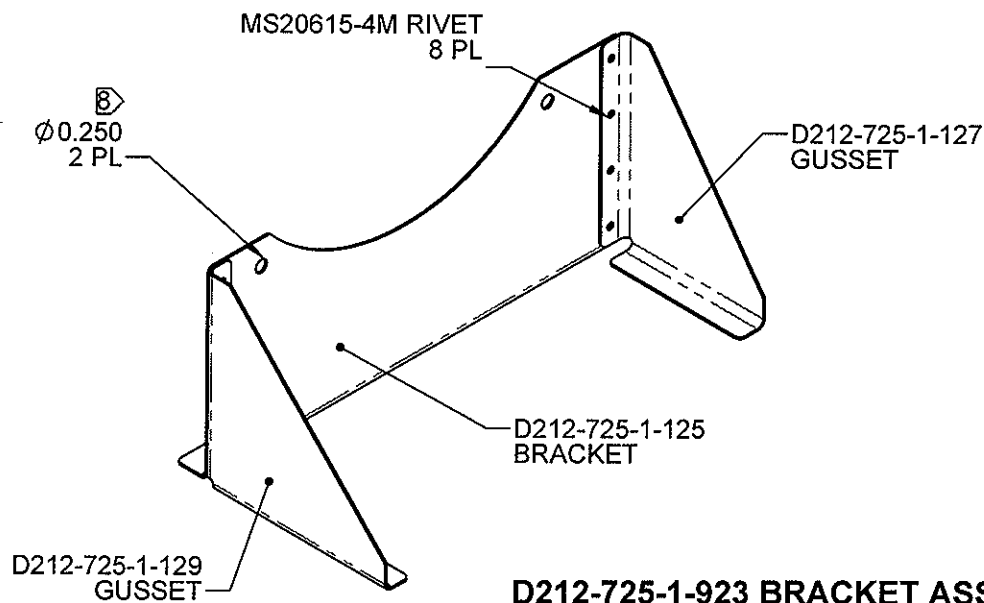
NOTES:

- 1) MATERIAL: AISI 304/316 SS $\varnothing 0.750 \times 0.049$ WALL SEAMLESS ROUND TUBING (REF. DART SPEC. M304TR0.750W.049)
- 2) FINISH: NONE
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 6) IDENTIFY ASSEMBLY WITH DART P/N D212-725-1-921 USING FINE POINT PERMANENT INK MARKER

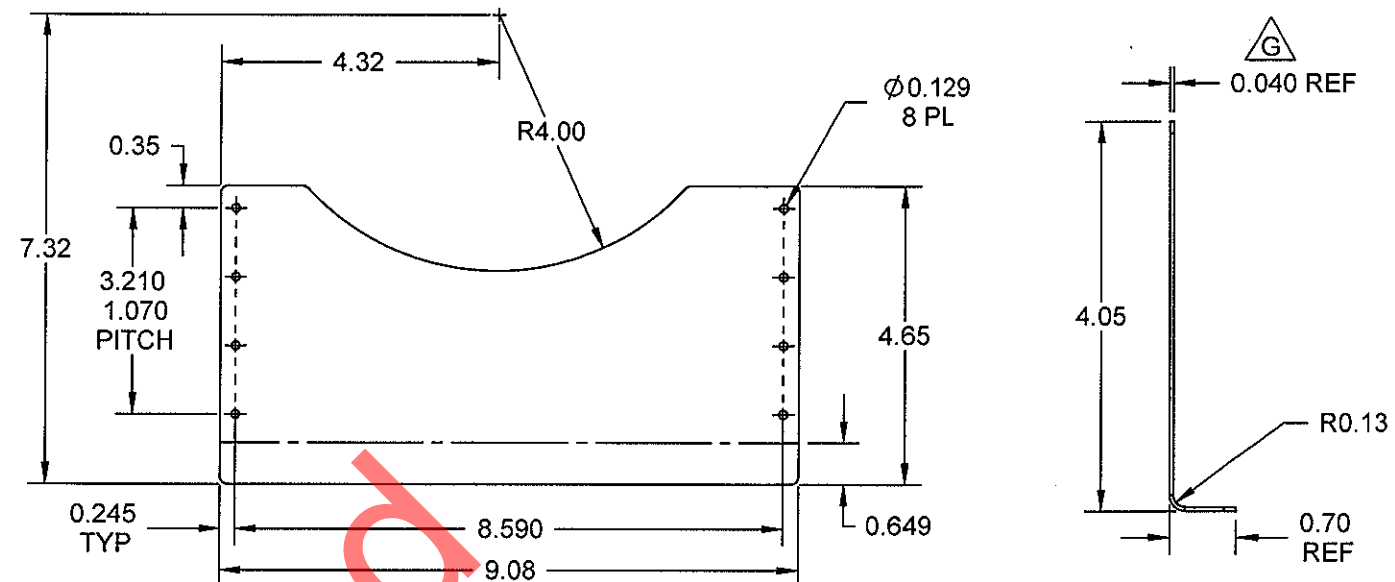
B	07.05.11	ADD D212-725-1-921	
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1	REV. B SHEET 39 OF 44
DATE 07.05.11		TITLE 212S DETAIL PARTS	SCALE 1:3
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D



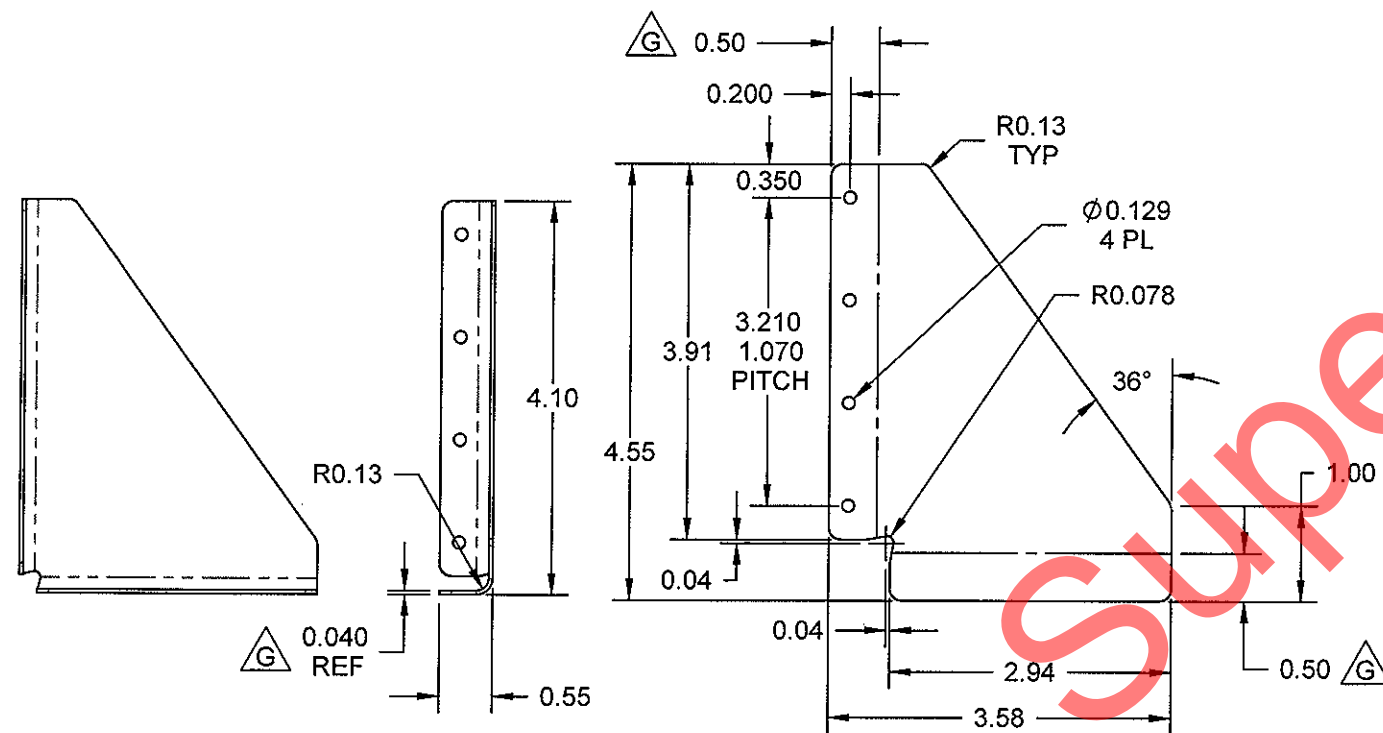
D212-725-1-923 BRACKET ASSEMBLY



D212-725-1-125F FLAT PATTERN

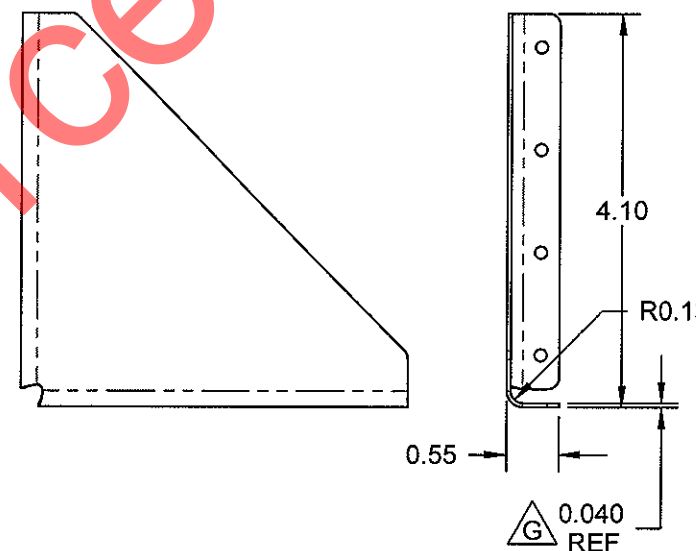
D212-725-1-125 BRACKET
(MAKE FROM D212-725-1-125F FLAT PATTERN)

C



D212-725-1-127F FLAT PATTERN

D212-725-1-127 GUSSET
(MAKE FROM D212-725-1-127F FLAT PATTERN)



D212-725-1-129 GUSSET
(MAKE FROM D212-725-1-129F FLAT PATTERN)

D212-725-1-129F FLAT PATTERN

B

B

A

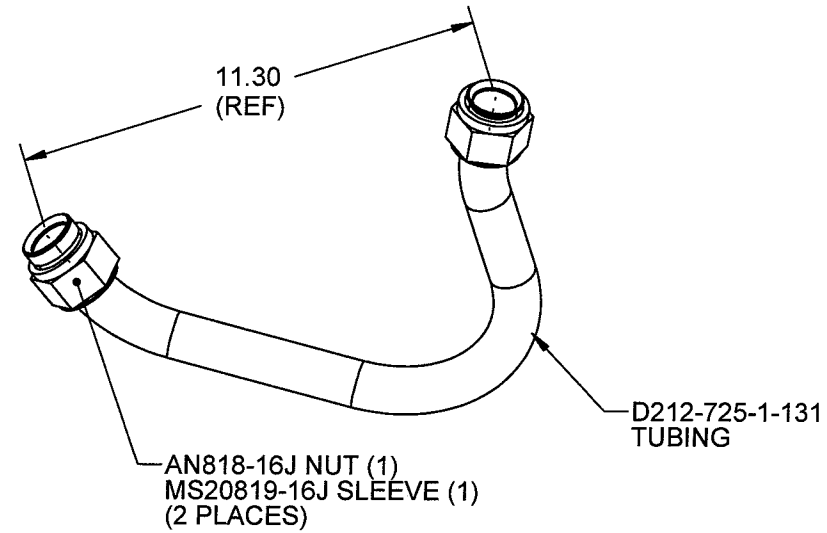
A

- D212-725-1-125/-127/-129 NOTES:**
- 1) MATERIAL: AISI 304 STAINLESS STEEL ANNEALED 2B FINISH SHEET 0.040 (19 GAUGE) THICK
PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240
REF DART SPEC M304S19GA
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY ASSEMBLY WITH DART P/N D212-725-1-923 USING FINE POINT PERMANENT INK MARKER
 - 7) WEIGHT: N/A
 - 8) TRANSFER Ø0.250 HOLES FROM FIRE EXTINGUISHER BOTTLE

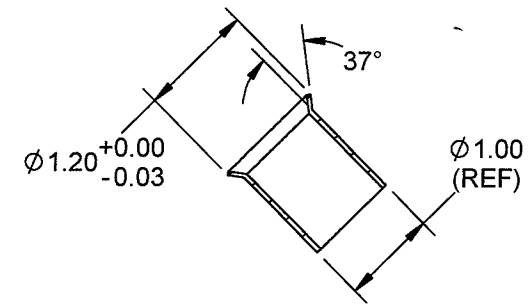
RELEASED

10.07.11

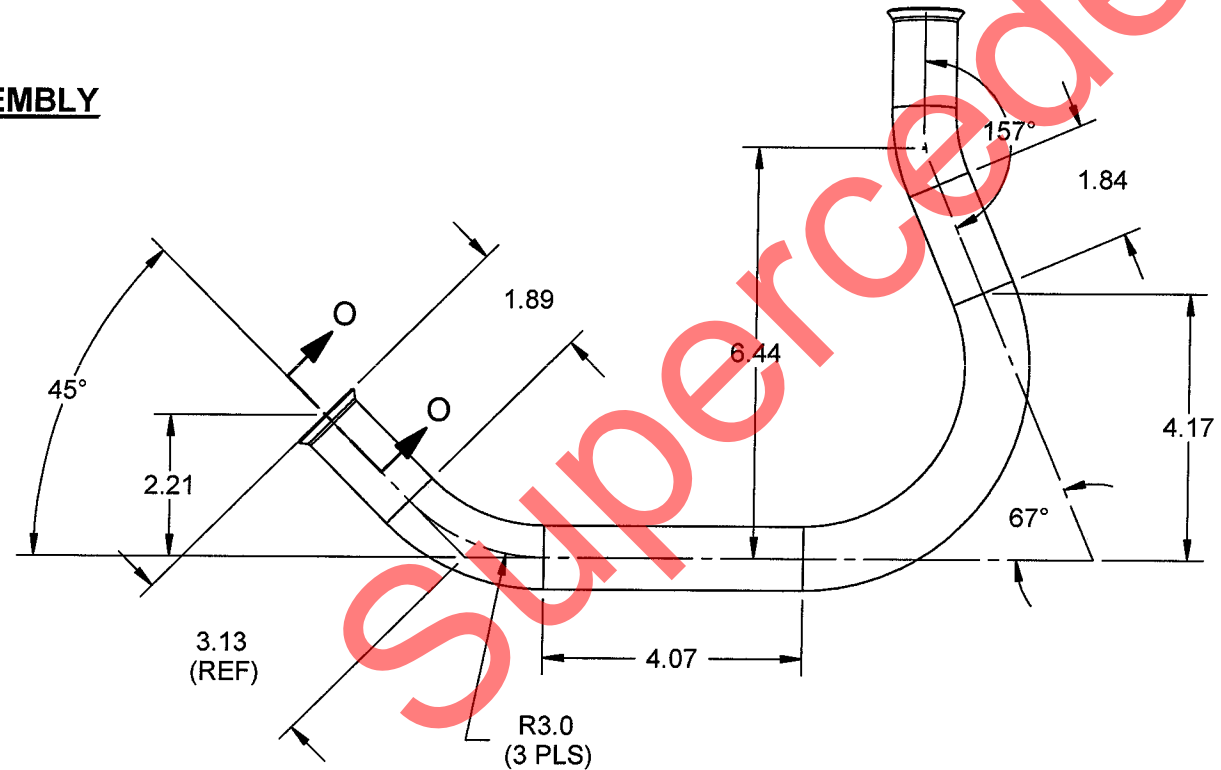
DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	140	DRAWING NO.	REV. G
MFG. APPR.	140	D212-725-1	SHEET 41 OF 84
APPROVED	140	TITLE	SCALE
DE APPR.	140	212S DETAIL PARTS	NTS
DATE	10.02.12	COPYRIGHT © 2008 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



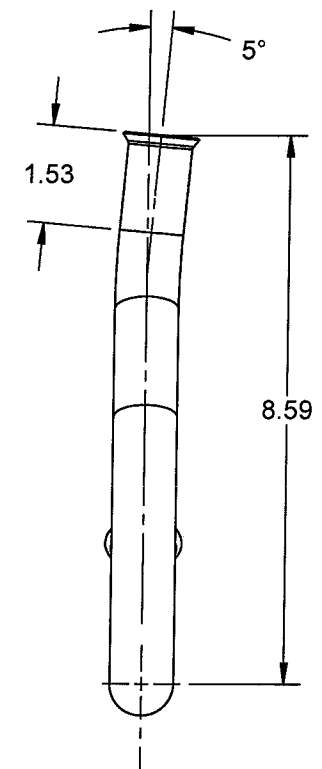
D212-725-1-925 TUBE ASSEMBLY



SECTION O-O
SCALE 1:2
(FINISH FLARE ONE END
AFTER ASSEMBLY)



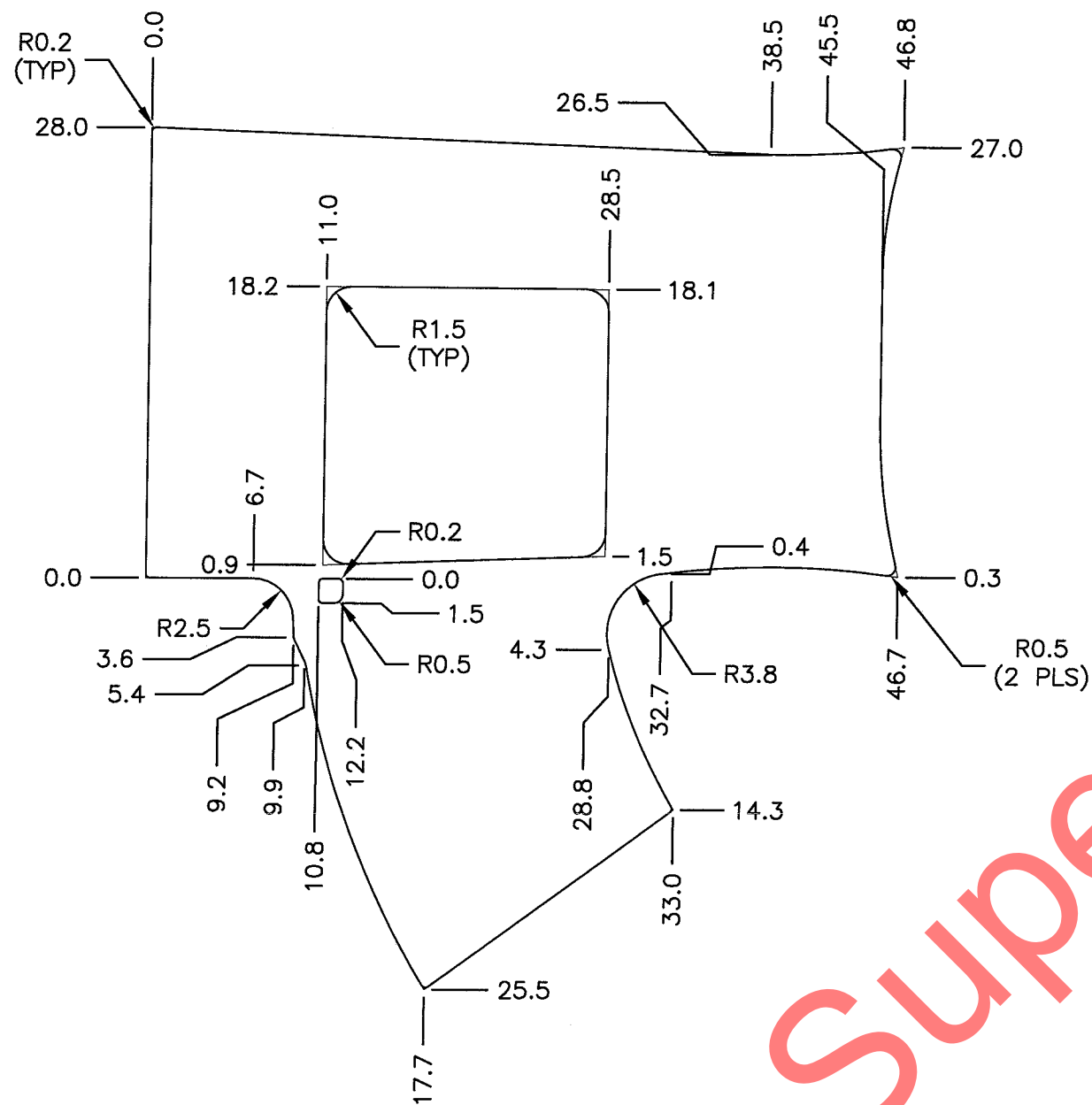
D212-725-1-131 TUBING MANUFACTURE PER TEMPLATE DT8912



NOTES:

- 1) MATERIAL: AISI 304/316 SS $\phi 1.00$ X 0.049 WALL SEAMLESS ROUND TUBING (REF. DART SPEC. M304TR1.000W.049)
- 2) FINISH: NONE
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 6) IDENTIFY WITH DART P/N D212-725-1-925 USING FINE POINT PERMANENT INK MARKER

B	07.05.11	ADDED D212-725-1-131	
DESIGN DC	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1	REV. B SHEET 42 OF 44
DATE 07.05.11		TITLE 212S DETAIL PARTS	SCALE 1:3
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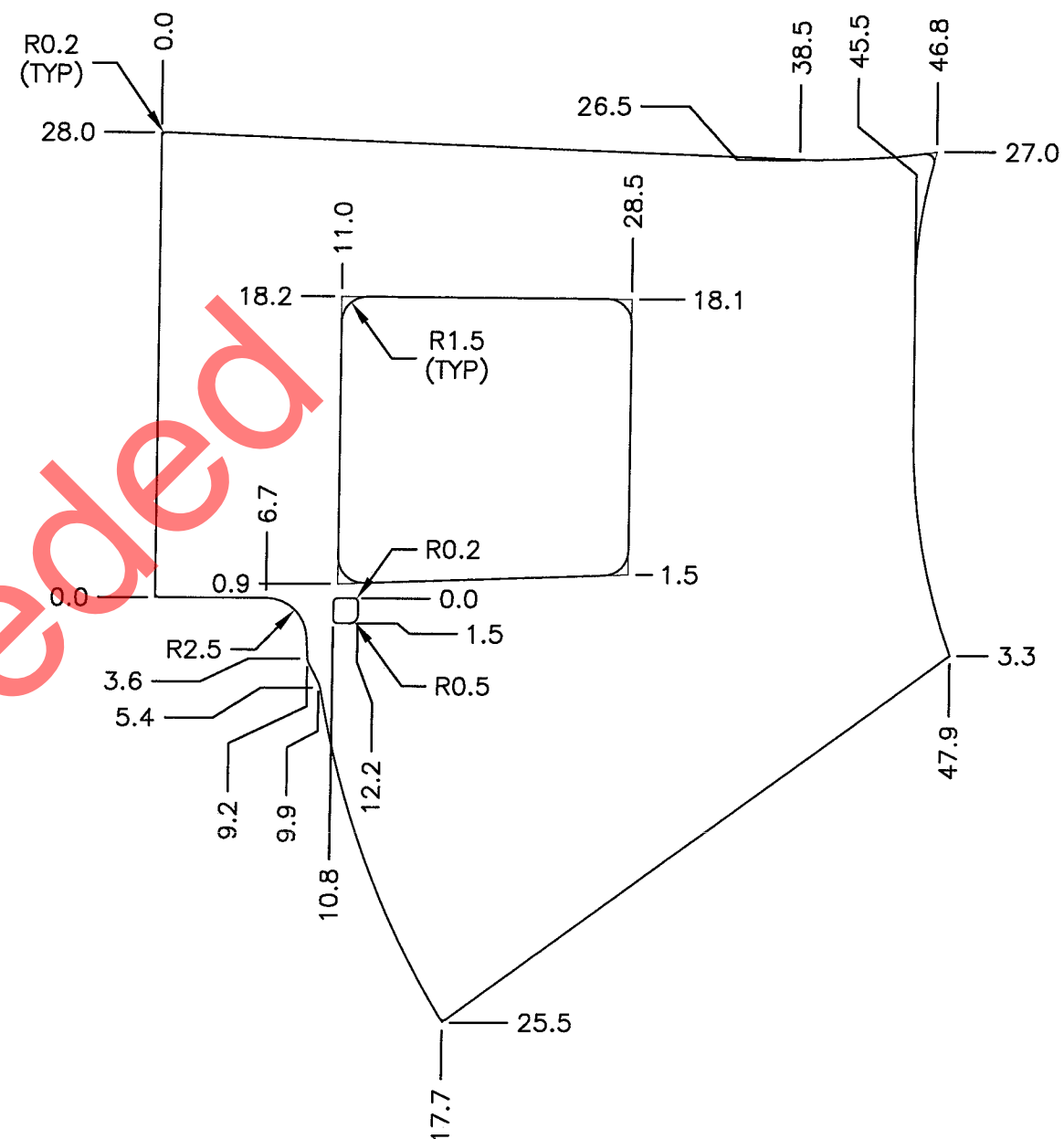


D212-725-1-135 DOUBLER

LAYOUT USING TEMPLATE & FORM PER AIRCRAFT CONTOUR
ALL DIMENSIONS ARE REFERENCE

NOTES:

- 1) MATERIAL: 2024-T3 (QQ-A-250/5) 0.071 ALUMINUM SHEET (REF. DART SPEC. M2024T3S0.071)
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME & PAINT PER AIRCRAFT MAINTENANCE MANUAL
- 3) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 6) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

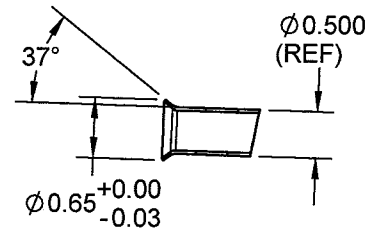
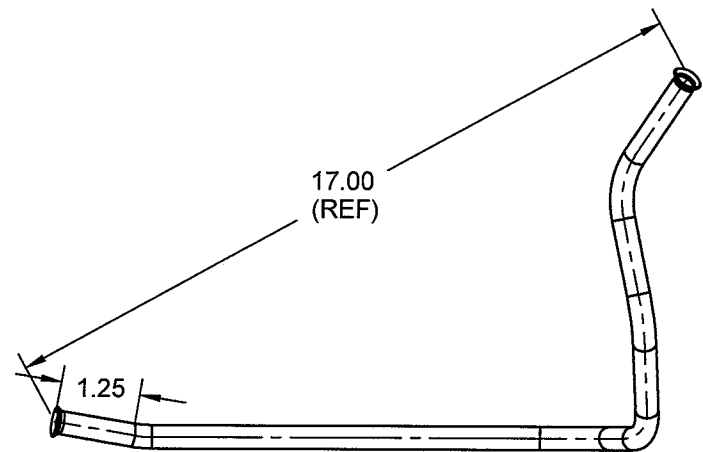


D212-725-1-193 DOUBLER

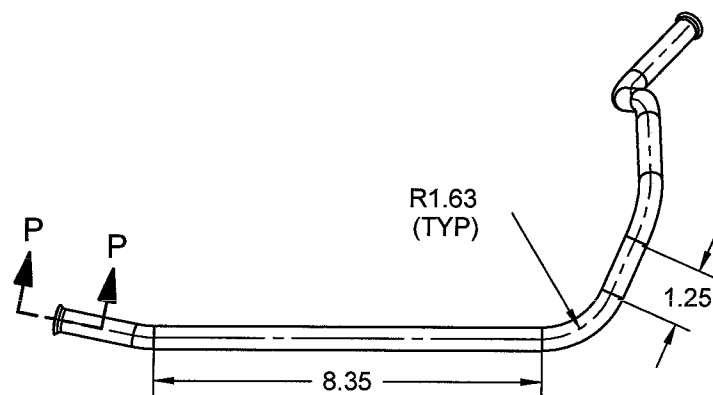
LAYOUT USING TEMPLATE & FORM PER AIRCRAFT CONTOUR
ALL DIMENSIONS ARE REFERENCE



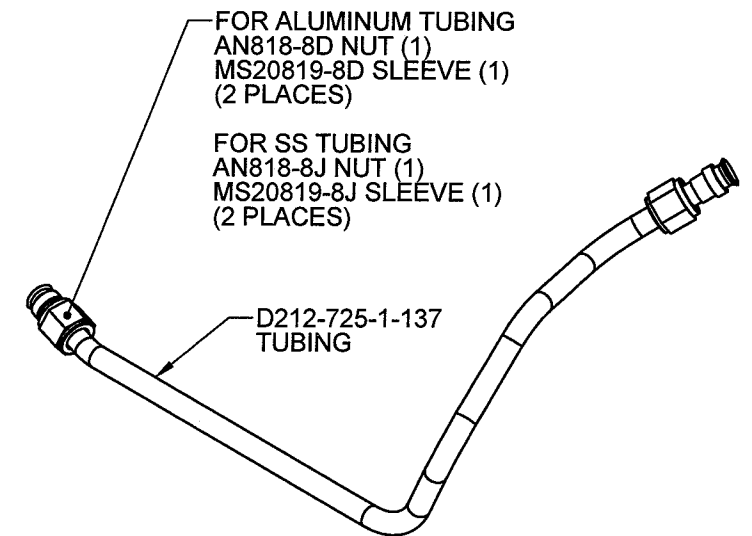
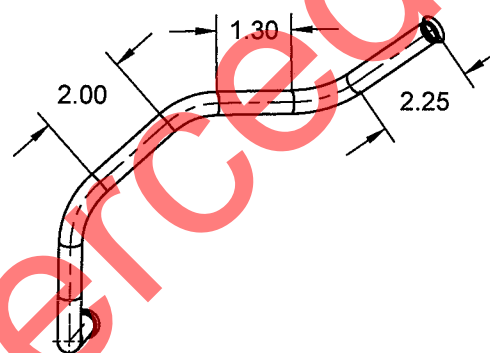
DESIGN DS	DRAWN BY RF	DART DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1
DATE 08.03.14	TITLE 212S DETAIL PARTS	REV. D SHEET 44 OF 67 SCALE NTS



SECTION P-P
SCALE 1:2
(FINISH FLARE ONE
END AFTER ASSEMBLY)



D212-725-1-137 TUBING
MANUFACTURE PER TEMPLATE DT8913



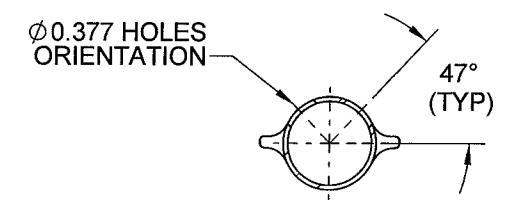
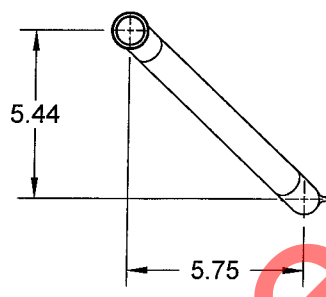
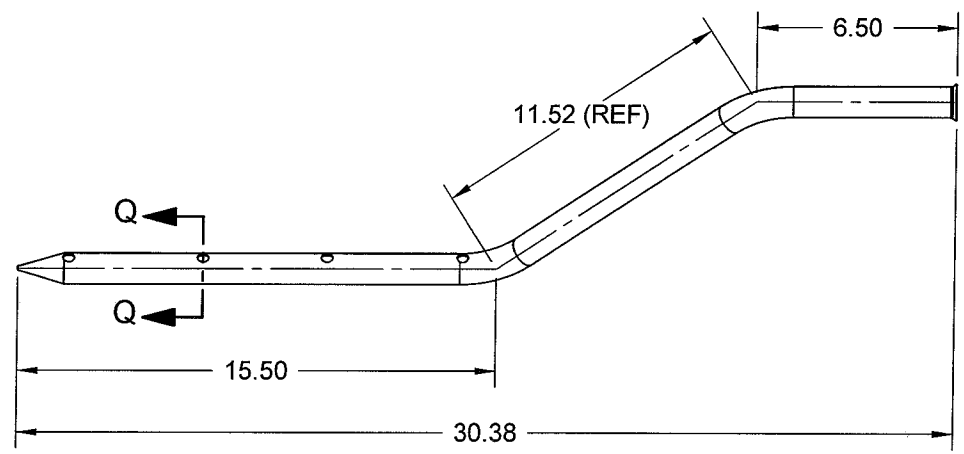
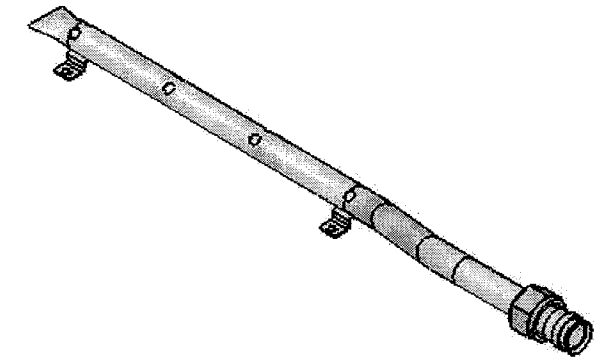
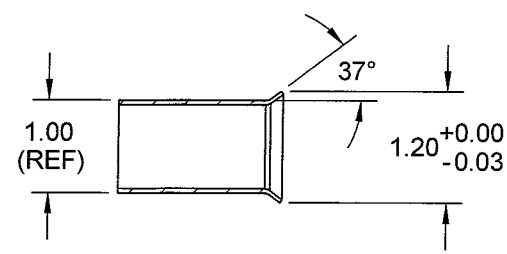
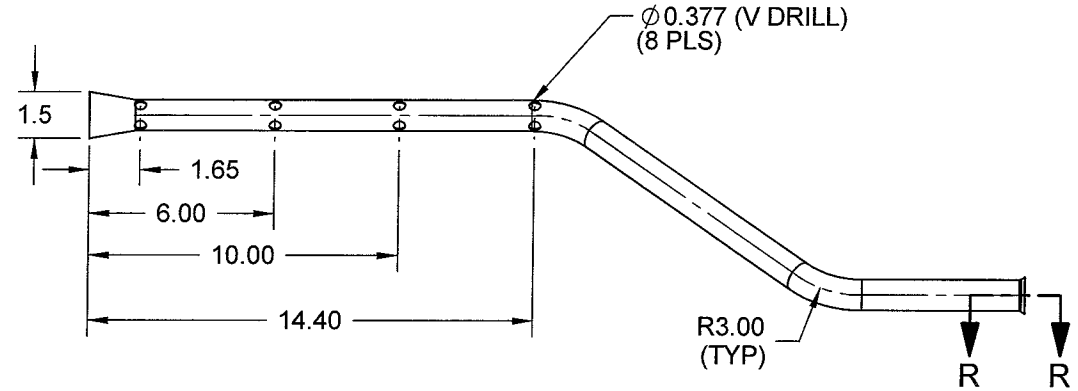
D212-725-1-927 TUBE ASSEMBLY

NOTES:

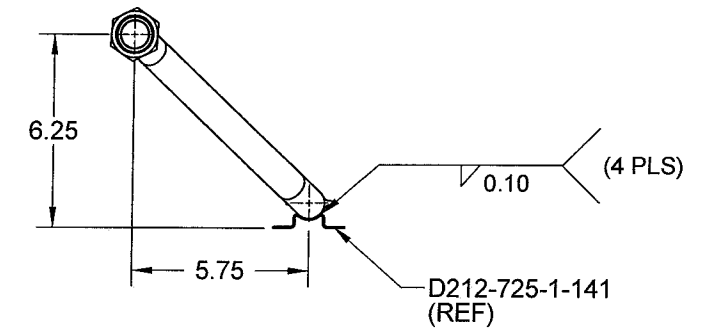
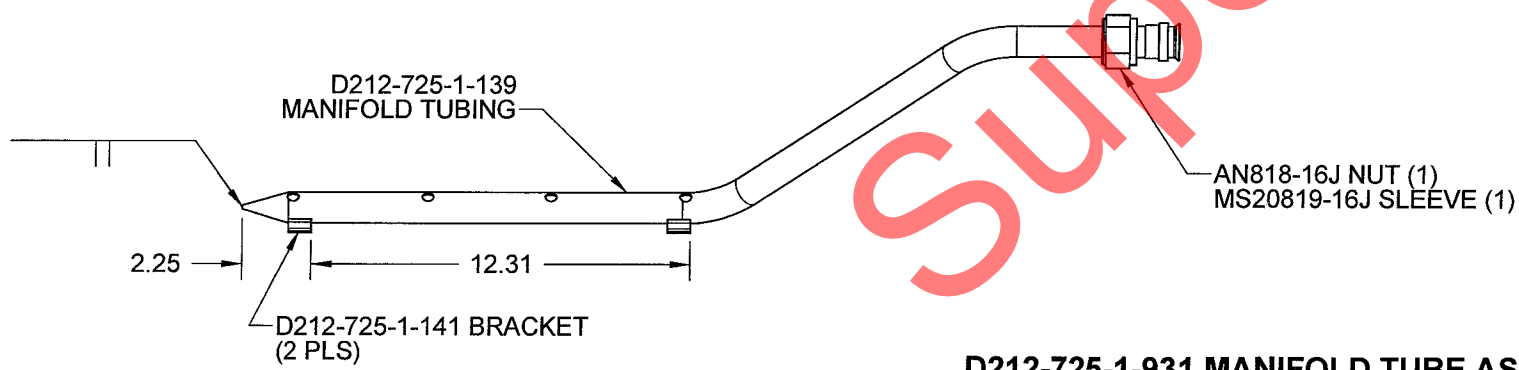
- 1) MATERIAL: 6061-T6 OR 6061-T62 ALUMINUM TUBING $\phi 0.500 \times 0.035$ WALL (REF. DART SPEC. M6061T6TR0.500W0.035) OR AISI 304/316 SS $\phi 0.500 \times 0.035$ WALL SEAMLESS ROUND TUBING (REF. DART SPEC. M304TR0.500W0.035)
- 2) FINISH: FOR ALUMINUM ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART ASSEMBLY P/N D212-725-1-927 USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: N/A

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	DS	DRAWING NO.	REV. C
MFG. APPR.	N/A	D212-725-1	SHEET 45 OF 49
APPROVED	RF	TITLE	SCALE
DE APPR.	RF	212S DETAIL PARTS	1:4
DATE	07.12.04	COPYRIGHT © 2006 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

8 7 6 5 4 3 2 1



D212-725-1-139 MANIFOLD TUBING
MANUFACTURE PER TEMPLATE DT8914

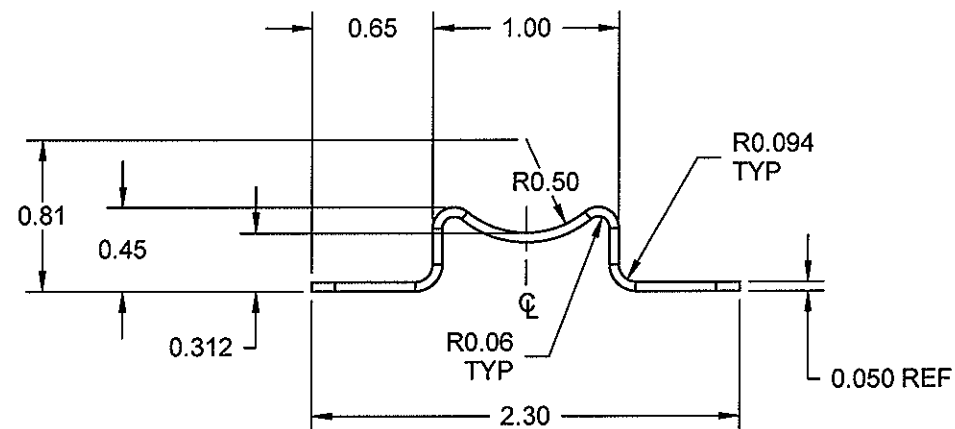
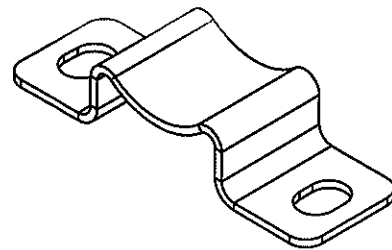


D212-725-1-931 MANIFOLD TUBE ASSY

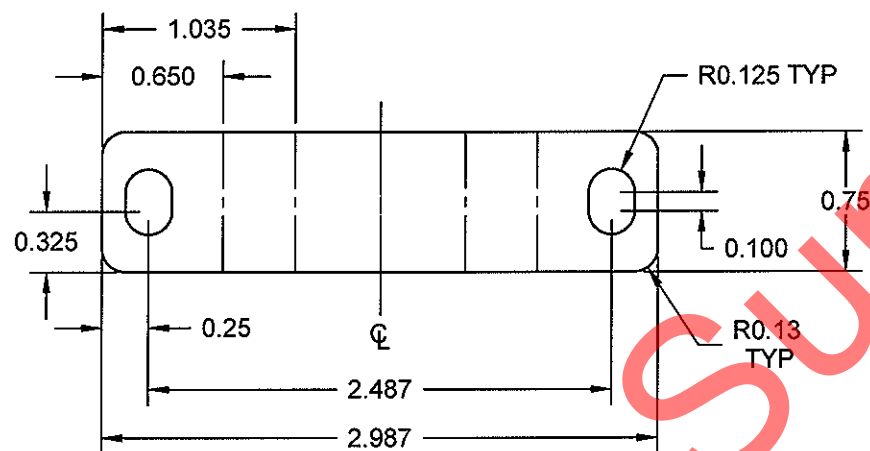
- NOTES:**
- 1) MATERIAL: AISI 304/316 SS Ø 1.00 x 0.049 WALL SEAMLESS ROUND TUBING (REF. DART SPEC. M304TR1.000W.049)
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY WITH DART ASSEMBLY P/N D212-725-1-931 USING FINE POINT PERMANENT INK MARKER
 - 7) WEIGHT: N/A
 - 8) WELD PER DART QSI 004

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	DS	DRAWING NO.	REV. C
MFG. APPR.		D212-725-1	SHEET 46 OF 49
APPROVED		TITLE	SCALE
DE APPR.		212S DETAIL PARTS	1:6
DATE	07.12.04	COPYRIGHT © 2006 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

8 7 6 5 4 3 2 1

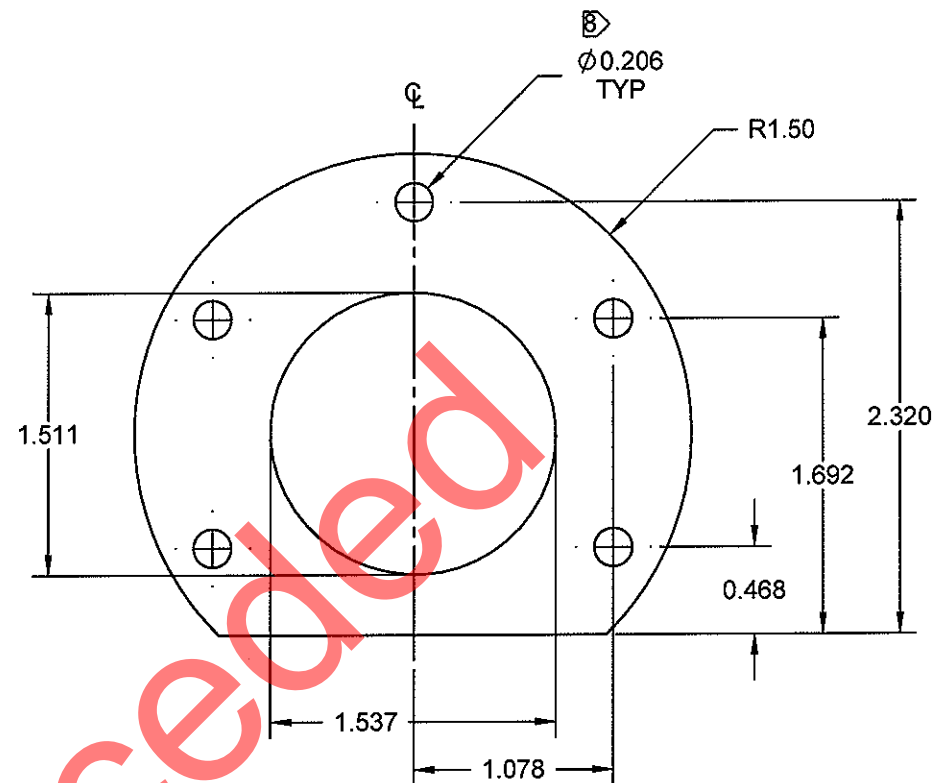


D212-725-1-141 BRACKET
(MAKE FROM D212-725-1-141F)



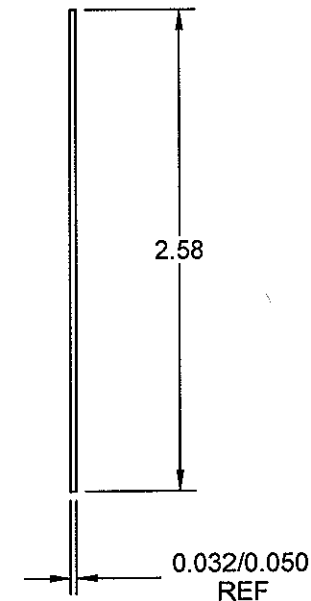
D212-725-1-141F FLAT PATTERN

- D212-725-1-141 NOTES:**
- 1) MATERIAL: AISI 304/316 STAINLESS STEEL 0.050 THICK (18 GAUGE) SHEET, PER AMS-5513/-5524 (REF. DART SPEC. M304S18GA)
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: NONE
 - 7) WEIGHT: N/A



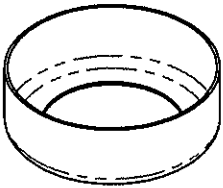
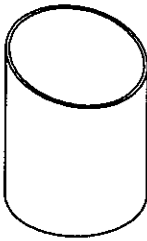
D212-725-1-143 BASE PLATE

- D212-725-1-143 NOTES:**
- 1) MATERIAL: AISI 301/304 STAINLESS STEEL 1/4 HARD 0.032/0.050 THICK (22/18 GAUGE) SHEET, PER AMS-5517/-5910 (REF. DART SPEC. M304S22/18GA)
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: NONE
 - 7) WEIGHT: N/A
 - 8) DIMENSIONS BETWEEN HOLES ARE PROVIDED FOR REFERENCE ONLY, TRANSFER Ø 0.206 HOLES FROM AIRCRAFT

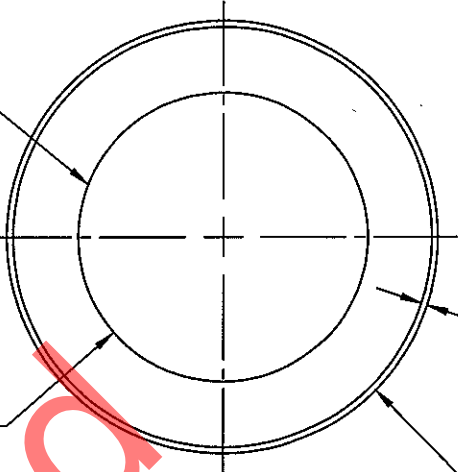


RELEASED
09/24/07

DESIGN	RF	DART AEROSPACE LTD	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	DS	DRAWING NO.	REV. F
MFG. APPR.		D212-725-1	SHEET 47 OF 84
APPROVED		TITLE	SCALE
DE APPR.		212S DETAIL PARTS	NTS
DATE	09.02.02	COPYRIGHT © 2006 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



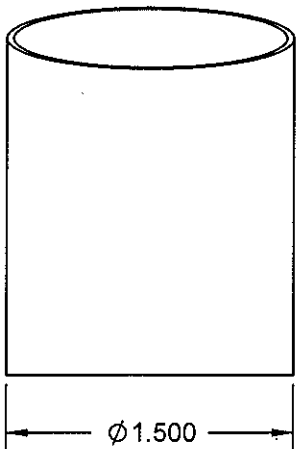
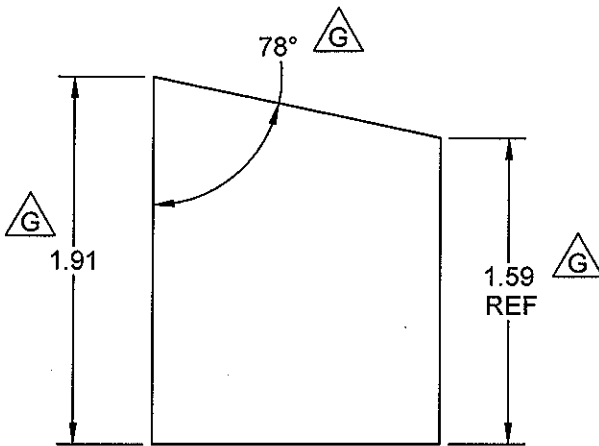
BELL P/N 204-060-767-001, REF
OR 204-060-741-001, REF
OPEN TO Ø1.503
AS SHOWN



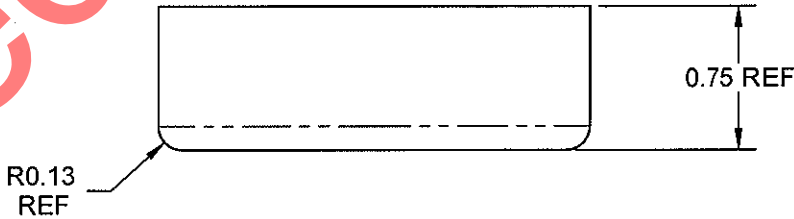
0.032 REF

Ø2.25 REF

Ø1.503



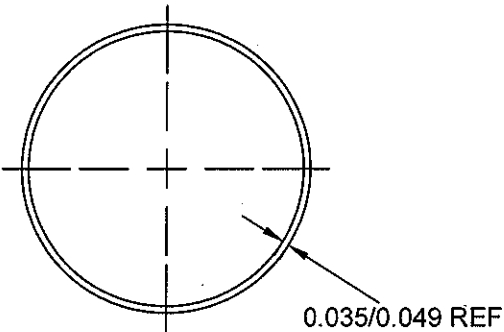
Ø1.500



0.75 REF

R0.13
REF

D212-725-1-147 TUBE



0.035/0.049 REF

D212-725-1-145 TUBE

RELEASED

10.03.31

D212-725-1-145 NOTES:

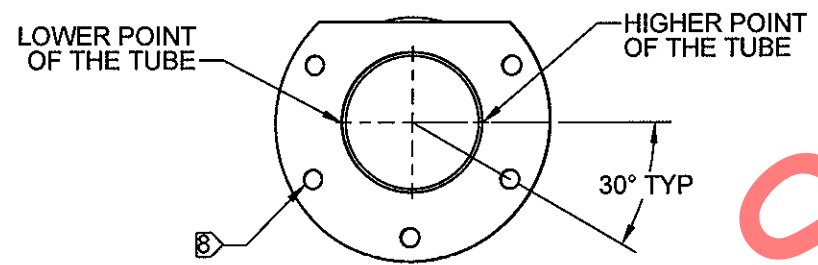
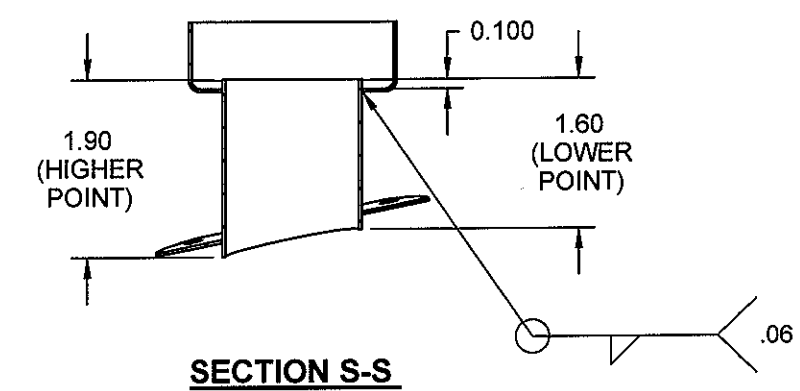
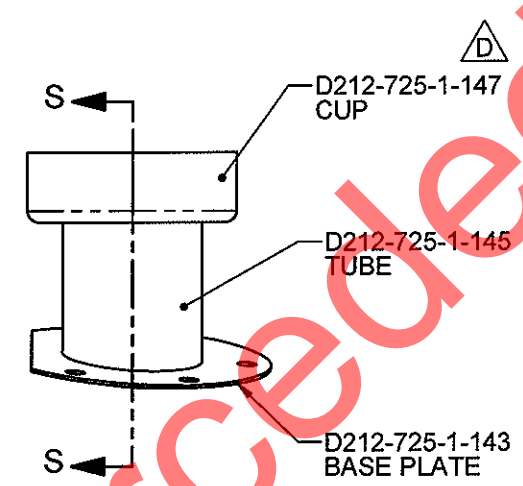
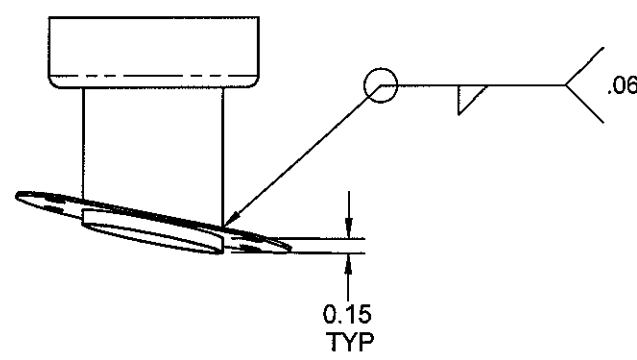
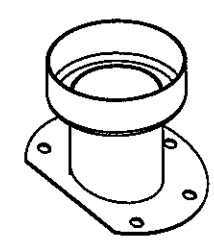
- 1) MATERIAL: AISI 304/316 SS Ø1.500 x 0.049/0.035 WALL SEAMLESS ROUND TUBING
REF. DART SPEC. M304TR1.500W.049/.035
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: N/A

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. G
MFG. APPR.	<i>[Signature]</i>	D212-725-1	SHEET 48 OF 84
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	212S DETAIL PARTS	NTS
DATE	10.02.12	COPYRIGHT © 2006 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

8 7 6 5 4 3 2 1

D
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B
A



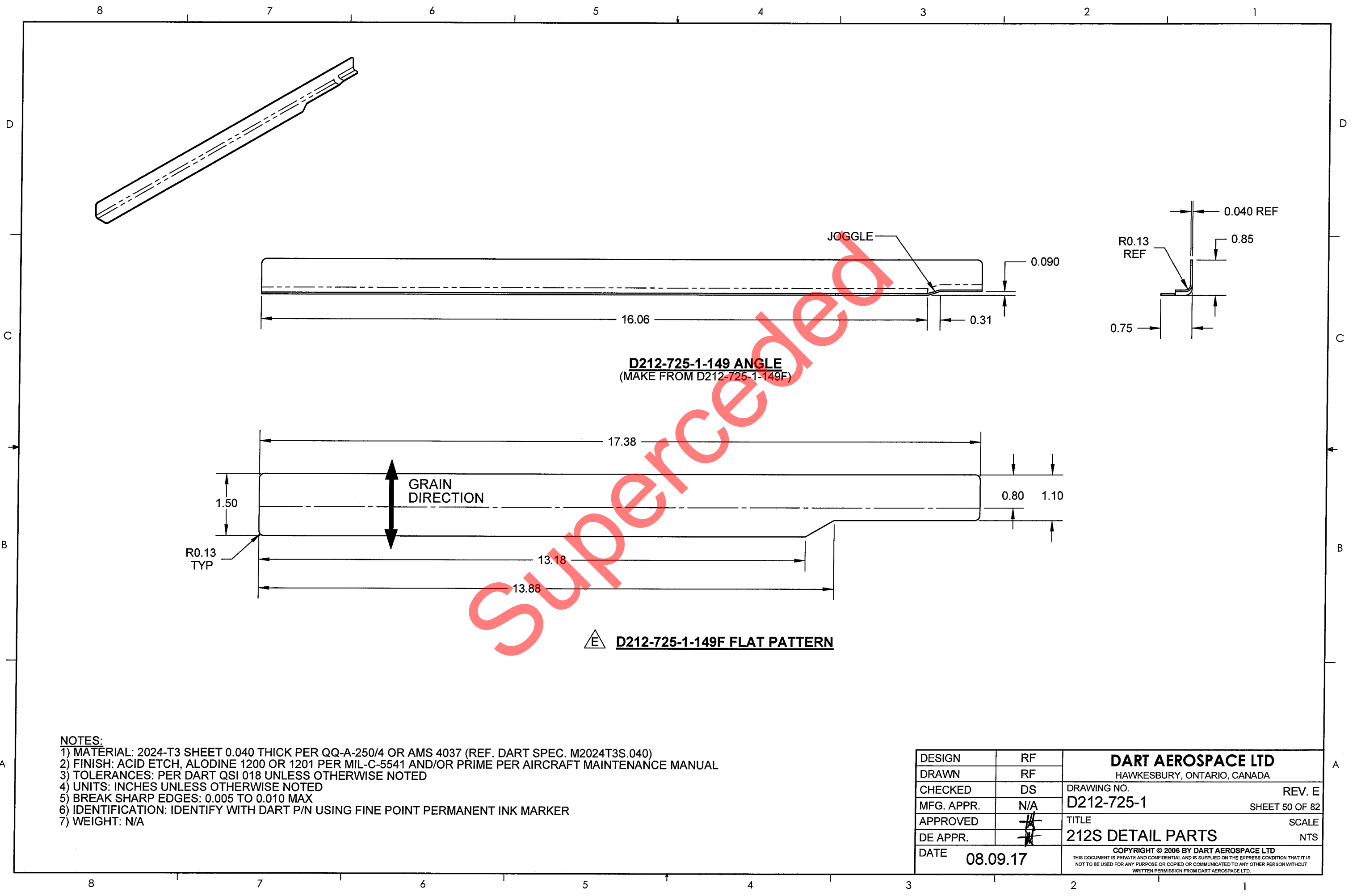
D212-725-1-929 HOUSING ASSEMBLY

RELEASED
09/04/07

- NOTES:
- 1) FINISH: NONE
 - 2) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 3) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 4) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 5) IDENTIFICATION: IDENTIFY WITH DART ASSEMBLY P/N D212-725-1-929 USING FINE POINT PERMANENT INK MARKER
 - 6) WEIGHT: N/A
 - 7) WELD PER DART QSI 004
 - 8) TYPICAL. HOLES ARE TRANSFERRED FROM AIRCRAFT

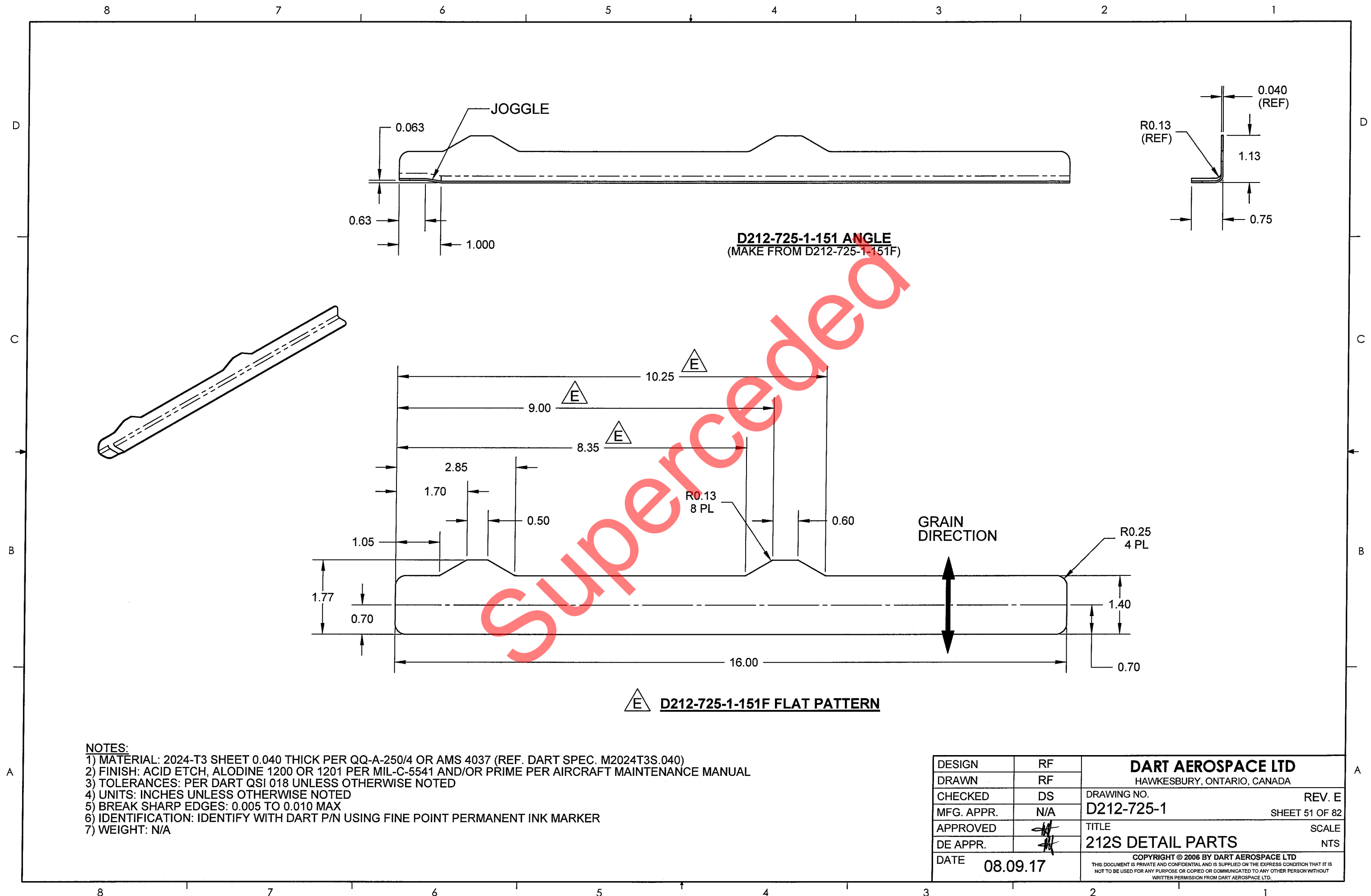
DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	DS	DRAWING NO.	REV. F
MFG. APPR.		D212-725-1	SHEET 49 OF 84
APPROVED		TITLE	SCALE
DE APPR.		212S DETAIL PARTS	NTS
DATE	09.02.02	COPYRIGHT © 2006 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

8 7 6 5 4 3 2 1





- NOTES:
- 1) MATERIAL: 2024-T3 SHEET 0.040 THICK PER QQ-A-250/4 OR AMS 4037 (REF. DART SPEC. M2024T3S.040)
 - 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME PER AIRCRAFT MAINTENANCE MANUAL
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER
 - 7) WEIGHT: N/A

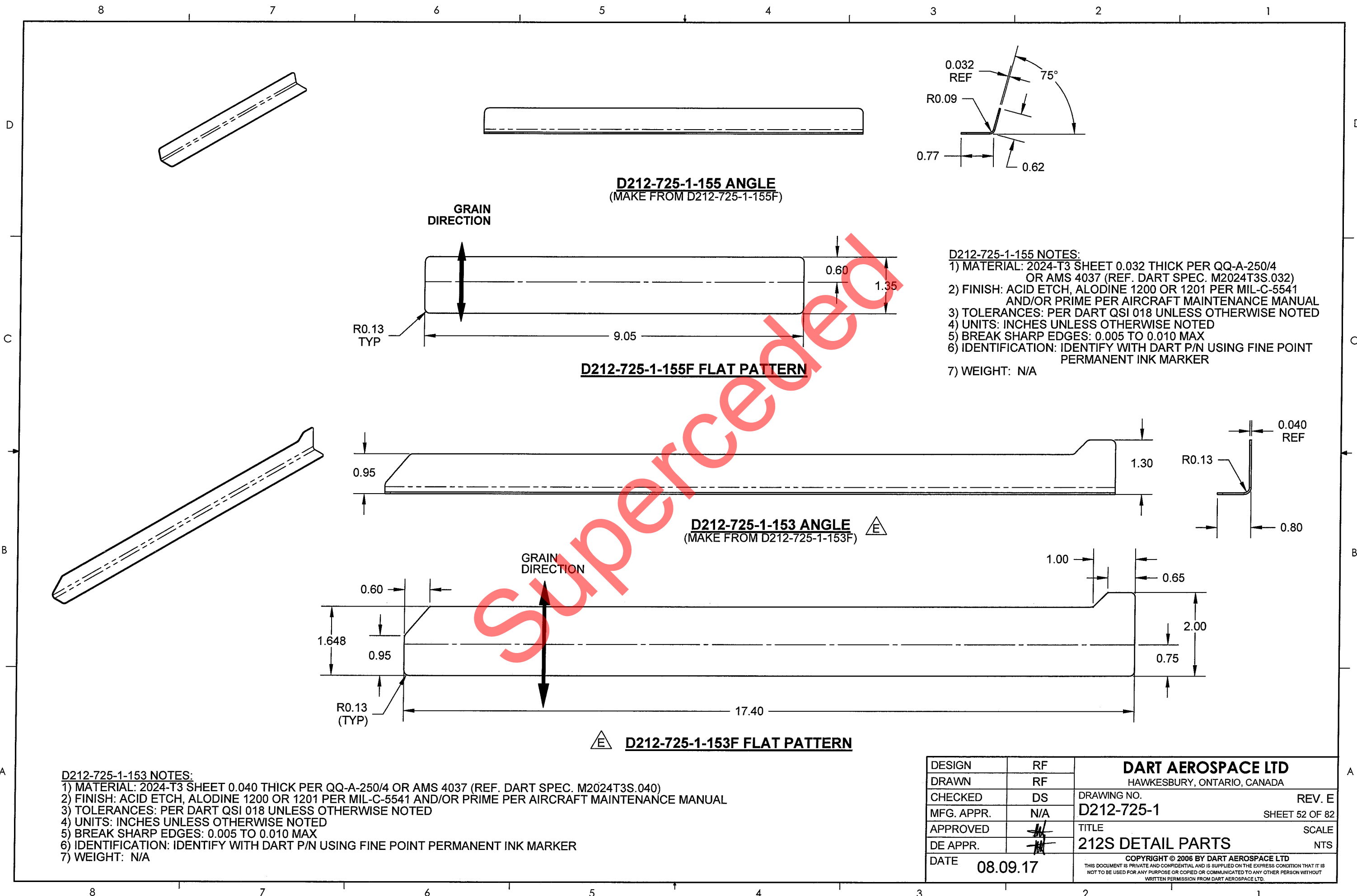
DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	DS	DRAWING NO.	REV. E
MFG. APPR.	N/A	D212-725-1	SHEET 50 OF 82
APPROVED	RF	TITLE	SCALE
DE APPR.	RF	212S DETAIL PARTS	NTS
DATE	08.09.17	COPYRIGHT © 2006 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	



D212-725-1-151F FLAT PATTERN

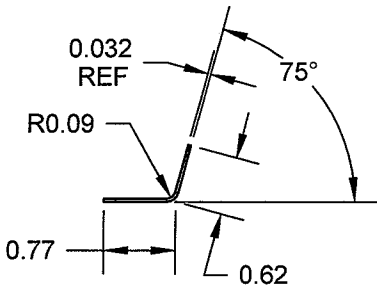
- NOTES:**
- 1) MATERIAL: 2024-T3 SHEET 0.040 THICK PER QQ-A-250/4 OR AMS 4037 (REF. DART SPEC. M2024T3S.040)
 - 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME PER AIRCRAFT MAINTENANCE MANUAL
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER
 - 7) WEIGHT: N/A

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	DS	DRAWING NO. D212-725-1	REV. E
MFG. APPR.	N/A		SHEET 51 OF 82
APPROVED		TITLE	SCALE
DE APPR.		212S DETAIL PARTS	NTS
DATE 08.09.17		COPYRIGHT © 2006 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



D212-725-1-155 ANGLE
(MAKE FROM D212-725-1-155F)

D212-725-1-155F FLAT PATTERN



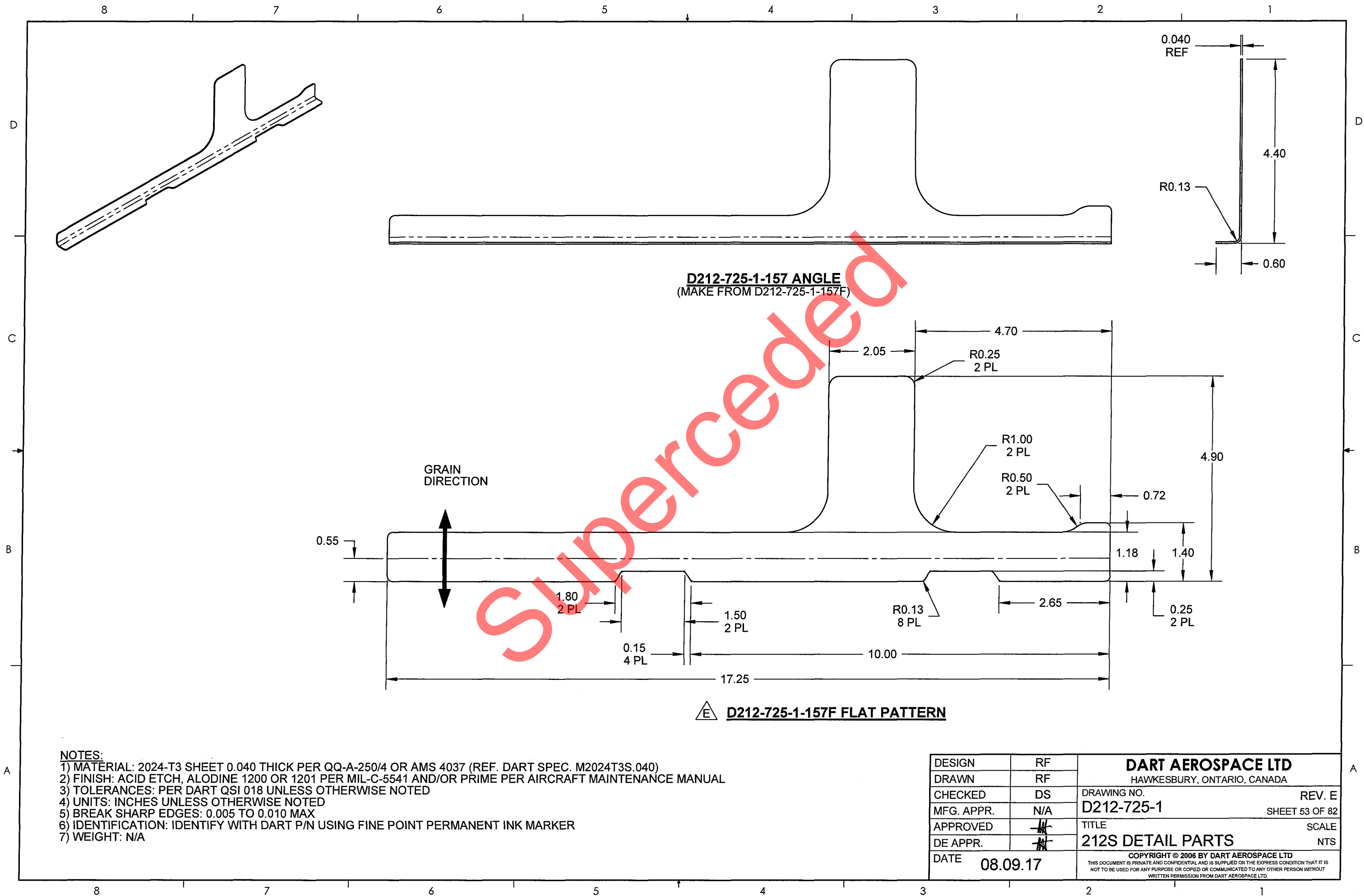
- D212-725-1-155 NOTES:**
- 1) MATERIAL: 2024-T3 SHEET 0.032 THICK PER QQ-A-250/4 OR AMS 4037 (REF. DART SPEC. M2024T3S.032)
 - 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME PER AIRCRAFT MAINTENANCE MANUAL
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER
 - 7) WEIGHT: N/A

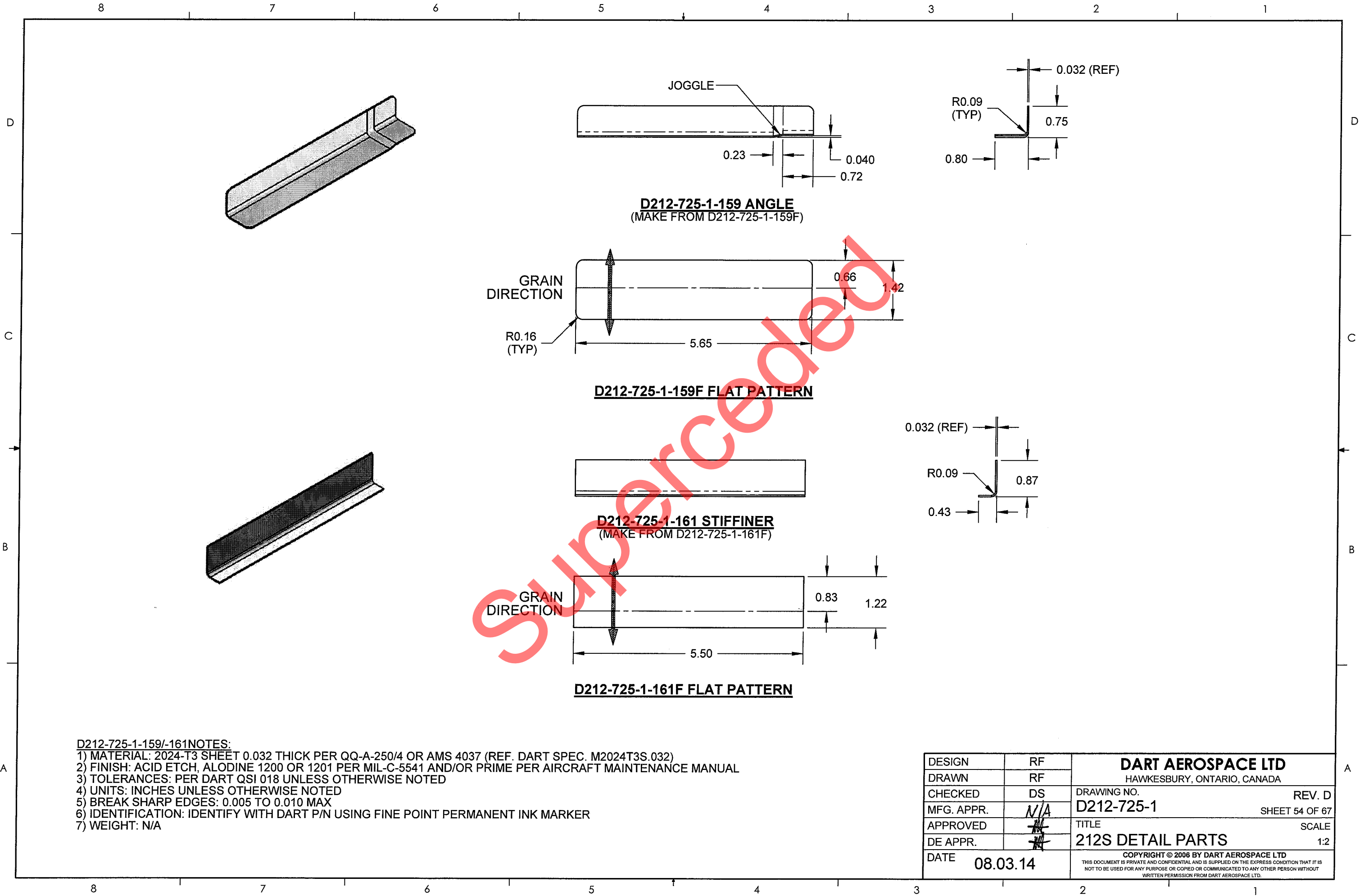
D212-725-1-153 ANGLE
(MAKE FROM D212-725-1-153F)

D212-725-1-153F FLAT PATTERN

- D212-725-1-153 NOTES:**
- 1) MATERIAL: 2024-T3 SHEET 0.040 THICK PER QQ-A-250/4 OR AMS 4037 (REF. DART SPEC. M2024T3S.040)
 - 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME PER AIRCRAFT MAINTENANCE MANUAL
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER
 - 7) WEIGHT: N/A

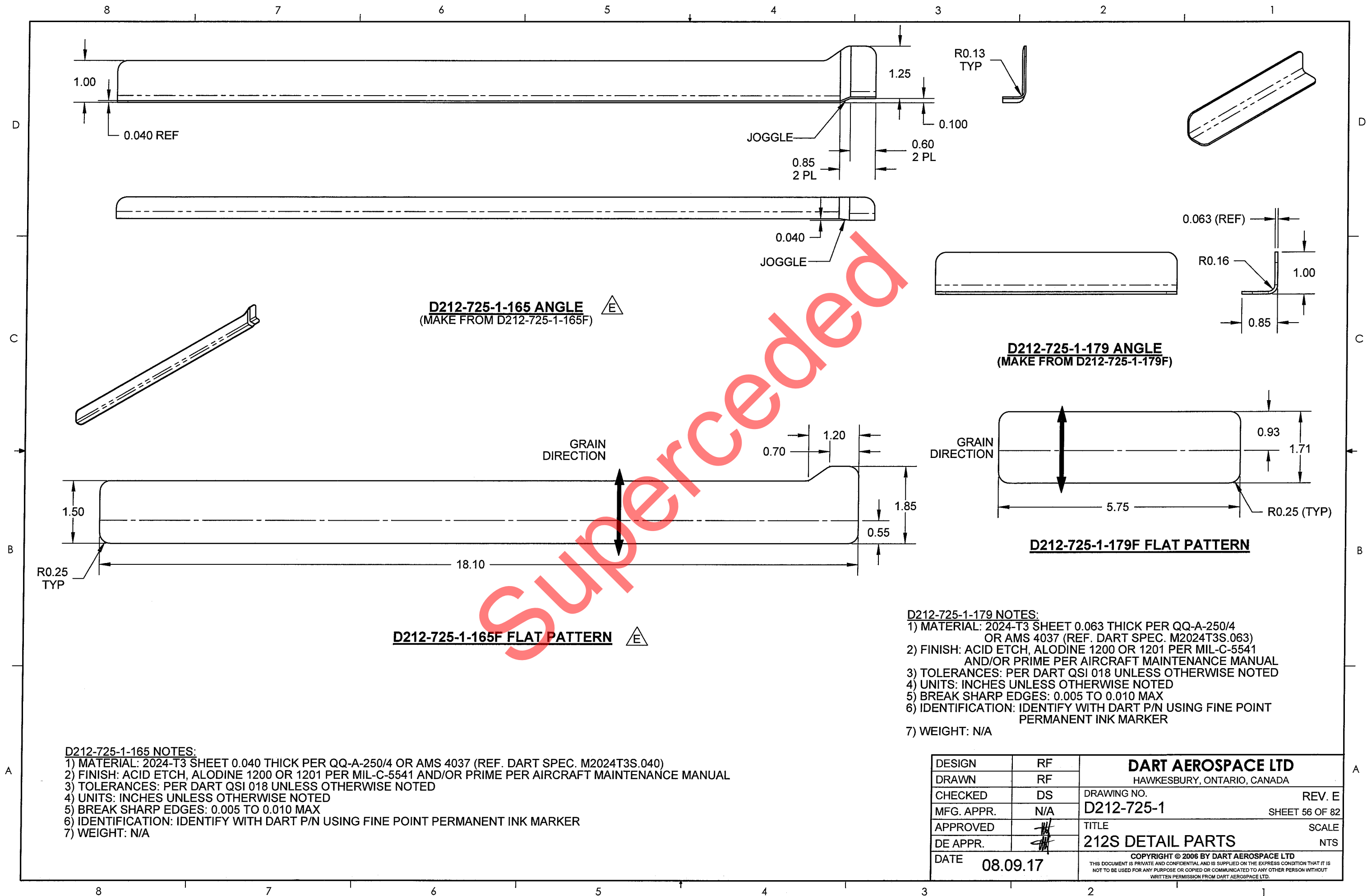
DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	DS	DRAWING NO.	REV. E
MFG. APPR.	N/A	D212-725-1	SHEET 52 OF 82
APPROVED		TITLE	SCALE
DE APPR.		212S DETAIL PARTS	NTS
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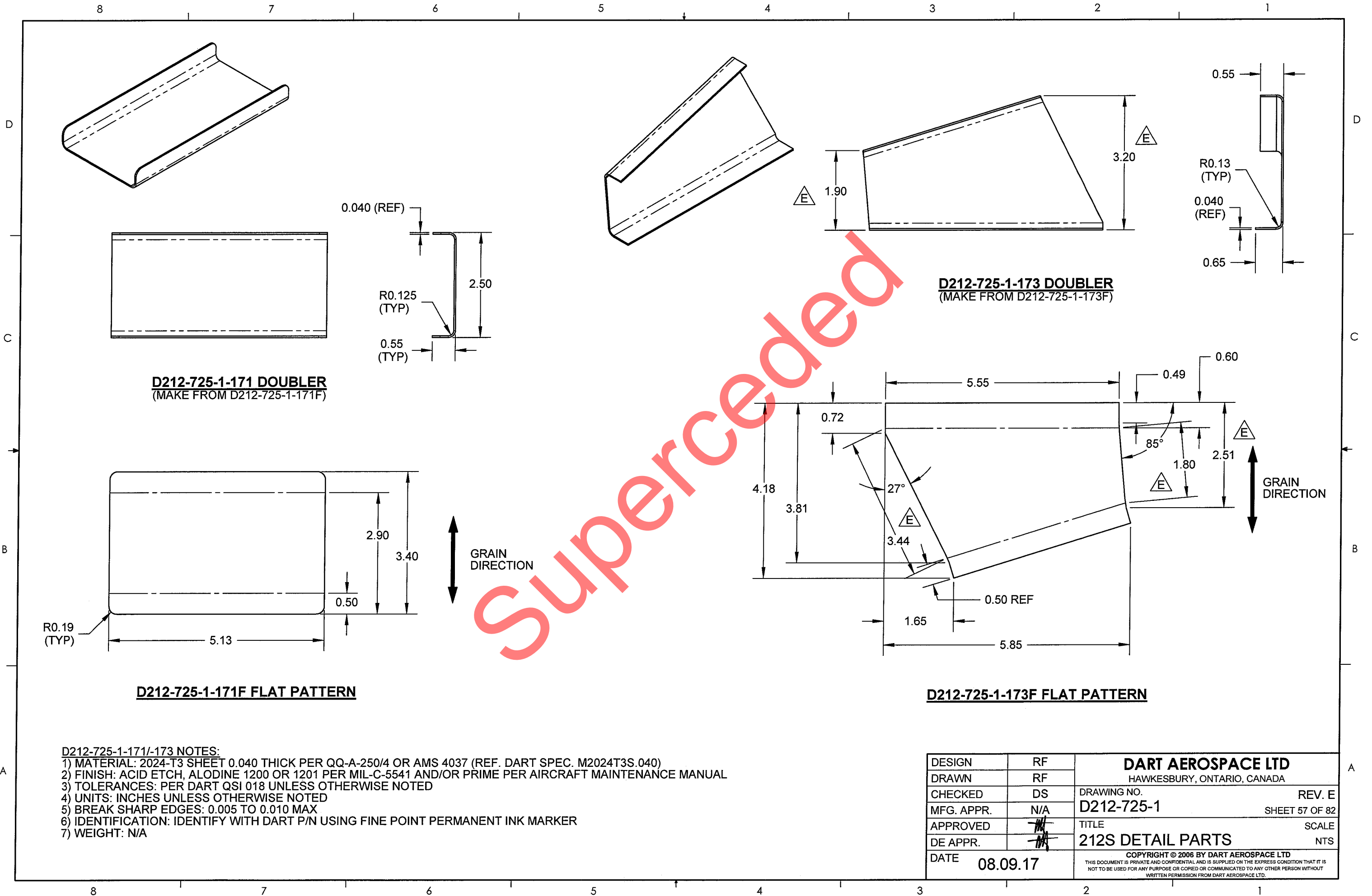




D212-725-1-159/-161NOTES:
1) MATERIAL: 2024-T3 SHEET 0.032 THICK PER QQ-A-250/4 OR AMS 4037 (REF. DART SPEC. M2024T3S.032)
2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME PER AIRCRAFT MAINTENANCE MANUAL
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER
7) WEIGHT: N/A

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	DS	DRAWING NO.	REV. D
MFG. APPR.	N/A	D212-725-1	SHEET 54 OF 67
APPROVED	RF	TITLE	SCALE
DE APPR.	RF	212S DETAIL PARTS	1:2
DATE	08.03.14	COPYRIGHT © 2006 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	





D212-725-1-171 DOUBLER
(MAKE FROM D212-725-1-171F)

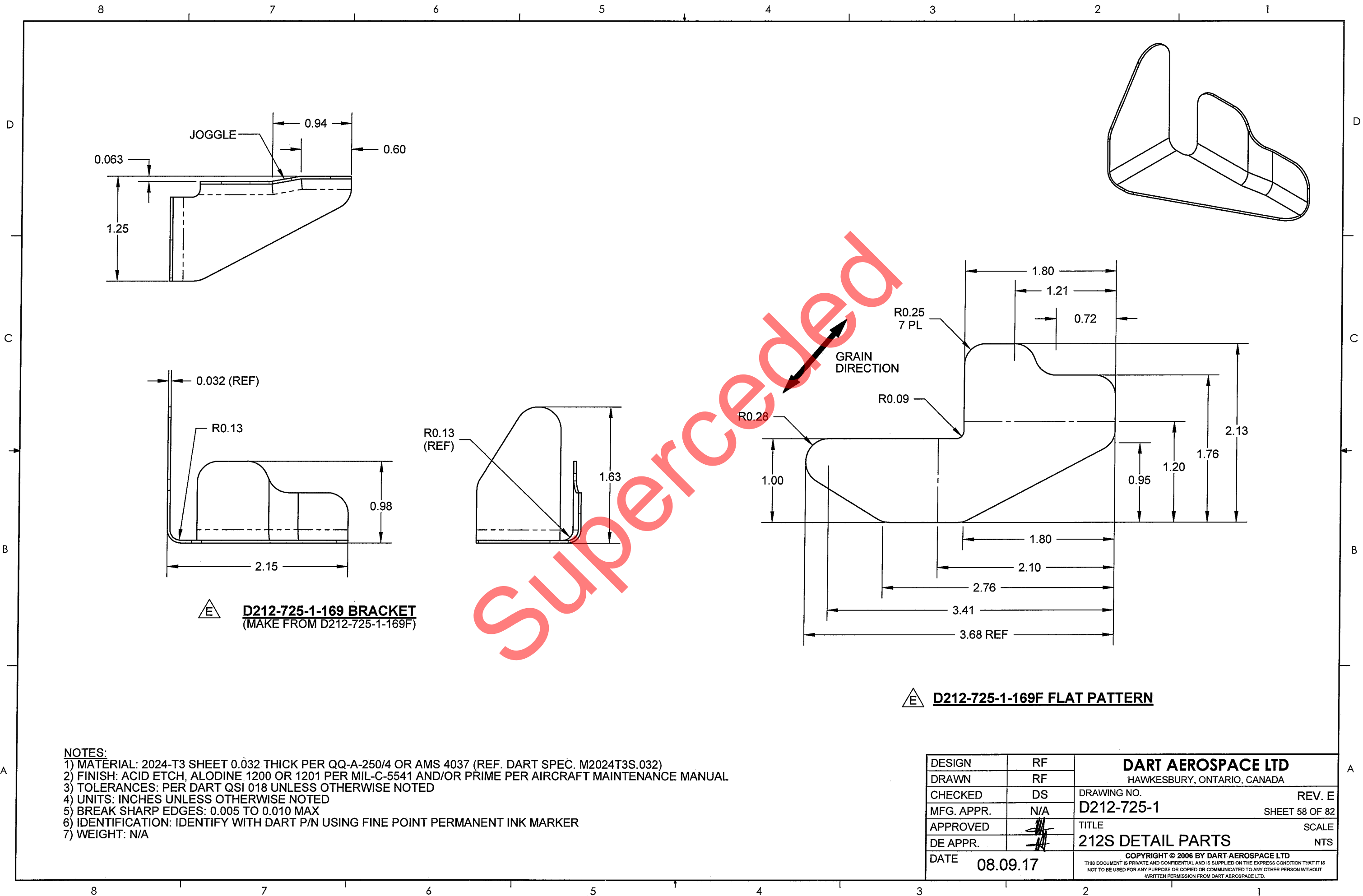
D212-725-1-173 DOUBLER
(MAKE FROM D212-725-1-173F)

D212-725-1-171F FLAT PATTERN

D212-725-1-173F FLAT PATTERN

- D212-725-1-171/-173 NOTES:**
- 1) MATERIAL: 2024-T3 SHEET 0.040 THICK PER QQ-A-250/4 OR AMS 4037 (REF. DART SPEC. M2024T3S.040)
 - 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME PER AIRCRAFT MAINTENANCE MANUAL
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER
 - 7) WEIGHT: N/A

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	DS	DRAWING NO.	REV. E
MFG. APPR.	N/A	D212-725-1	SHEET 57 OF 82
APPROVED	RF	TITLE	SCALE
DE APPR.	RF	212S DETAIL PARTS	NTS
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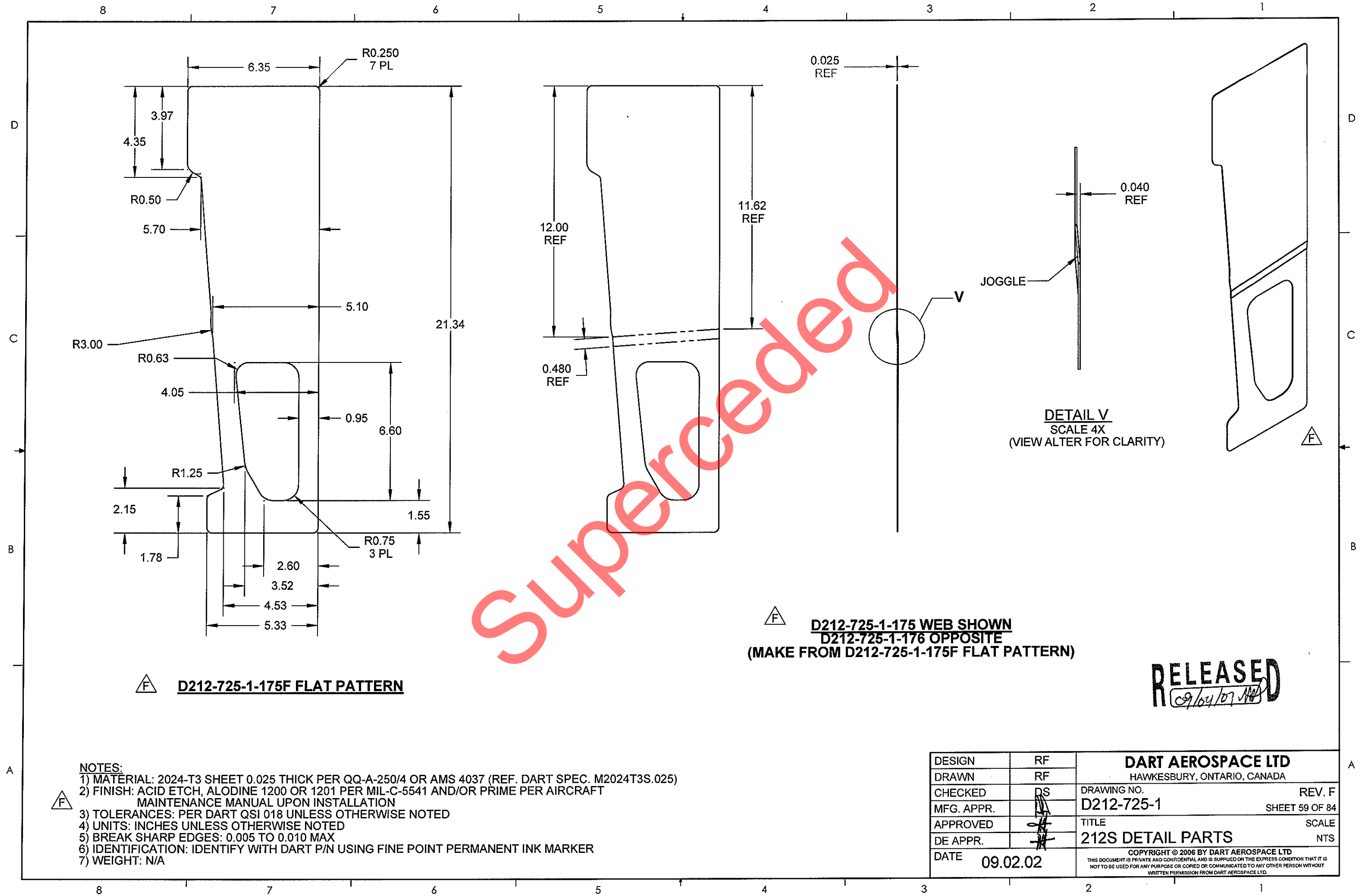


D212-725-1-169 BRACKET
(MAKE FROM D212-725-1-169F)

D212-725-1-169F FLAT PATTERN

- NOTES:
- 1) MATERIAL: 2024-T3 SHEET 0.032 THICK PER QQ-A-250/4 OR AMS 4037 (REF. DART SPEC. M2024T3S.032)
 - 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME PER AIRCRAFT MAINTENANCE MANUAL
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER
 - 7) WEIGHT: N/A

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	DS	DRAWING NO.	REV. E
MFG. APPR.	N/A	D212-725-1	SHEET 58 OF 82
APPROVED		TITLE	SCALE
DE APPR.		212S DETAIL PARTS	NTS
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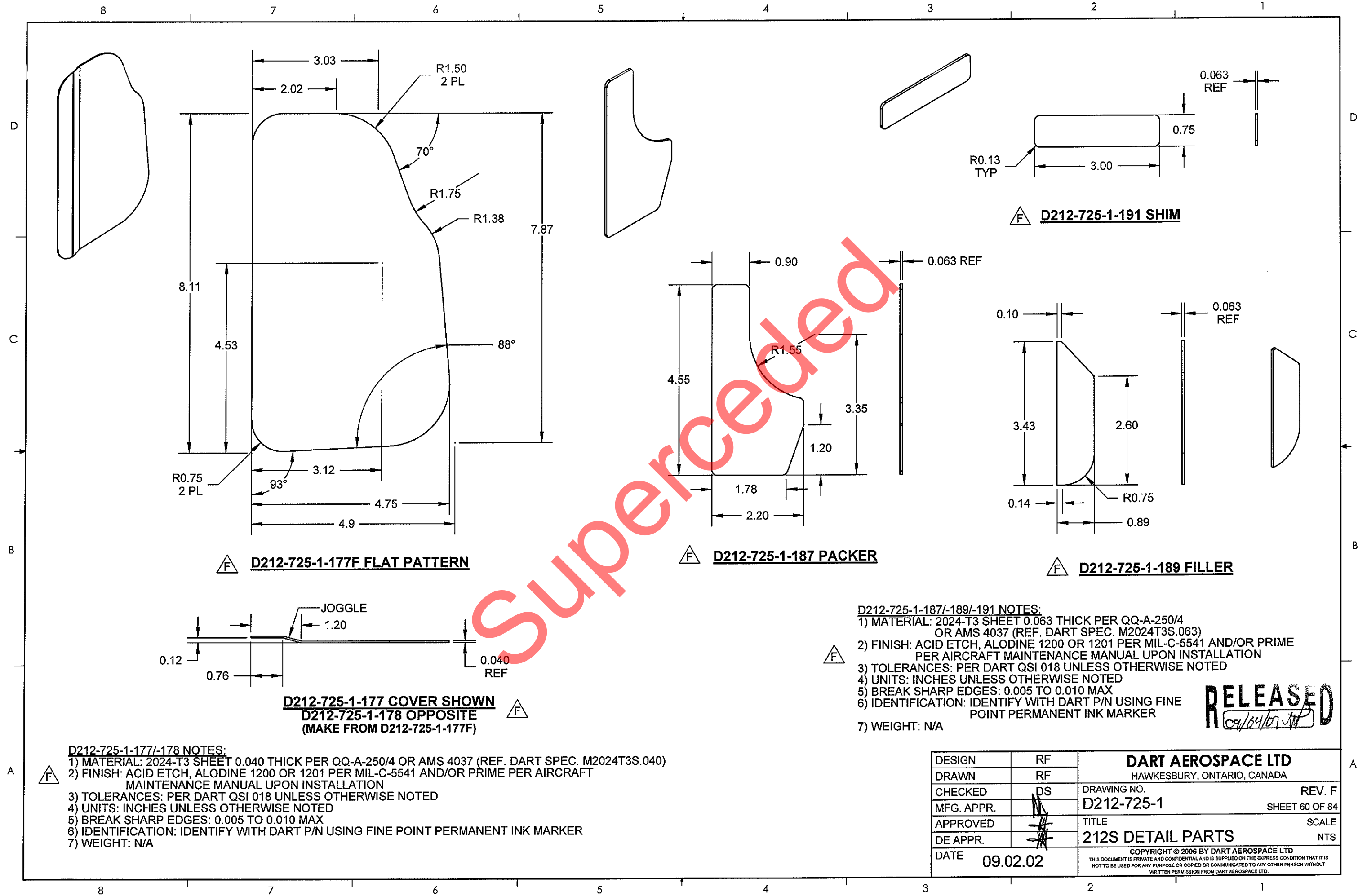
D212-725-1-175F FLAT PATTERN

**D212-725-1-175 WEB SHOWN
D212-725-1-176 OPPOSITE
(MAKE FROM D212-725-1-175F FLAT PATTERN)**

RELEASED
09/04/07

- NOTES:**
- 1) MATERIAL: 2024-T3 SHEET 0.025 THICK PER QQ-A-250/4 OR AMS 4037 (REF. DART SPEC. M2024T3S.025)
 - 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME PER AIRCRAFT MAINTENANCE MANUAL UPON INSTALLATION
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER
 - 7) WEIGHT: N/A

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	DS	DRAWING NO.	REV. F
MFG. APPR.		D212-725-1	SHEET 59 OF 84
APPROVED		TITLE	SCALE
DE APPR.		212S DETAIL PARTS	NTS
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D212-725-1-187/-189/-191 NOTES:

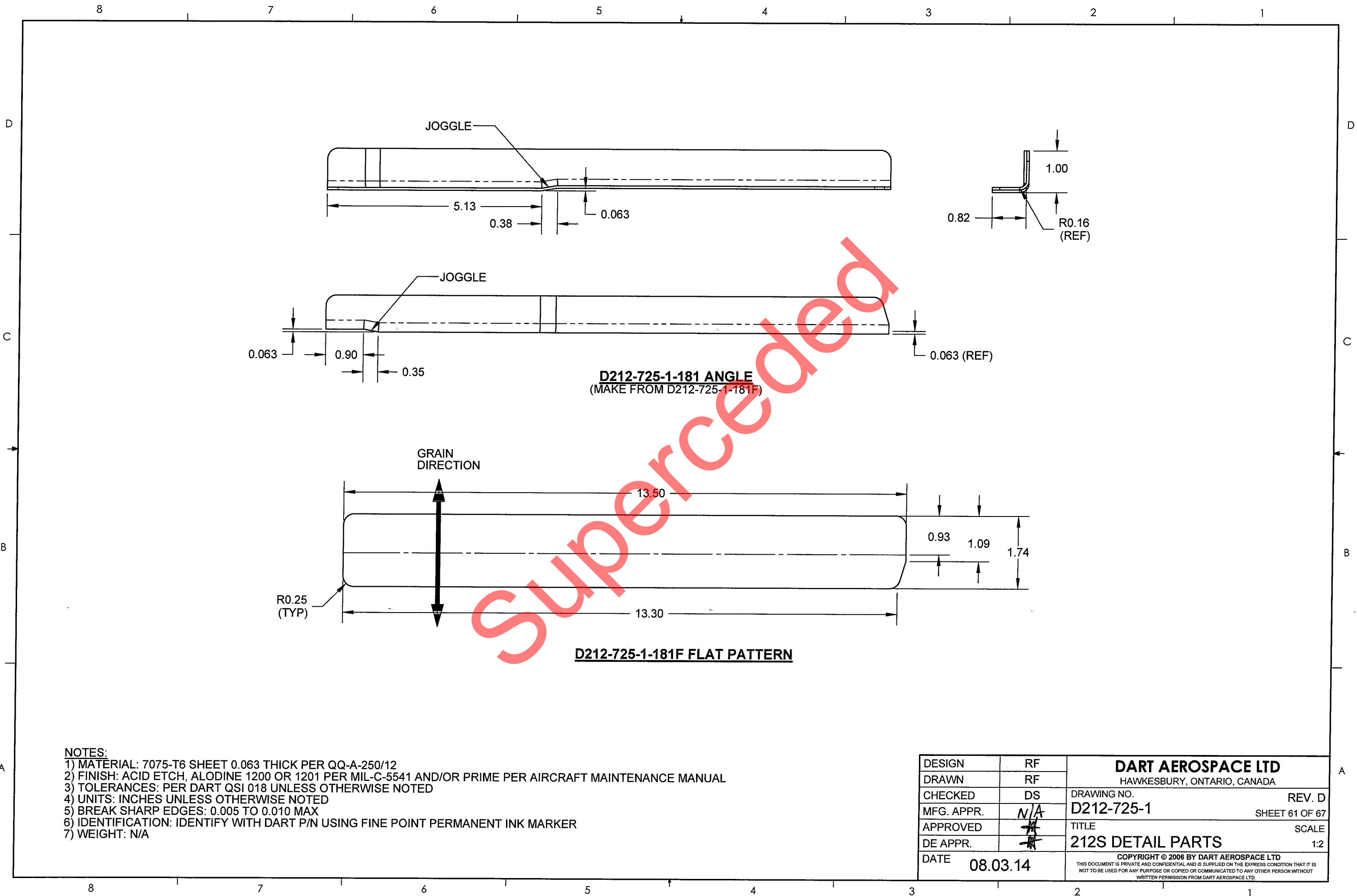
- 1) MATERIAL: 2024-T3 SHEET 0.063 THICK PER QQ-A-250/4 OR AMS 4037 (REF. DART SPEC. M2024T3S.063)
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME PER AIRCRAFT MAINTENANCE MANUAL UPON INSTALLATION
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: N/A

RELEASED

D212-725-1-177/-178 NOTES:

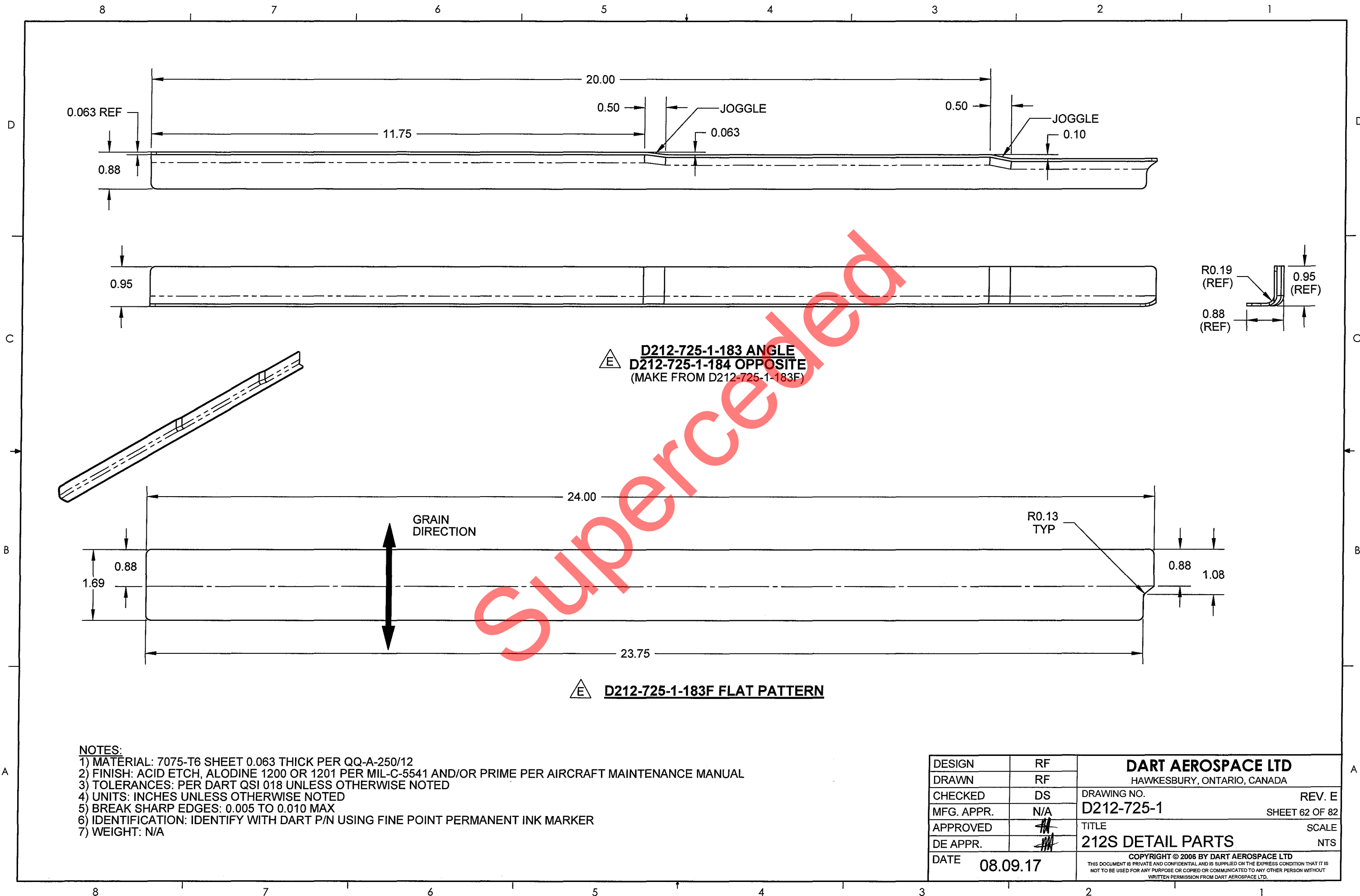
- 1) MATERIAL: 2024-T3 SHEET 0.040 THICK PER QQ-A-250/4 OR AMS 4037 (REF. DART SPEC. M2024T3S.040)
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME PER AIRCRAFT MAINTENANCE MANUAL UPON INSTALLATION
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: N/A

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	DS	DRAWING NO. D212-725-1	REV. F
MFG. APPR.			SHEET 60 OF 84
APPROVED		TITLE 212S DETAIL PARTS	SCALE NTS
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DATE	09.02.02		



NOTES:
1) MATERIAL: 7075-T6 SHEET 0.063 THICK PER QQ-A-250/12
2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME PER AIRCRAFT MAINTENANCE MANUAL
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER
7) WEIGHT: N/A

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	DS	DRAWING NO.	REV. D
MFG. APPR.	N/A	D212-725-1	SHEET 61 OF 67
APPROVED		TITLE	SCALE
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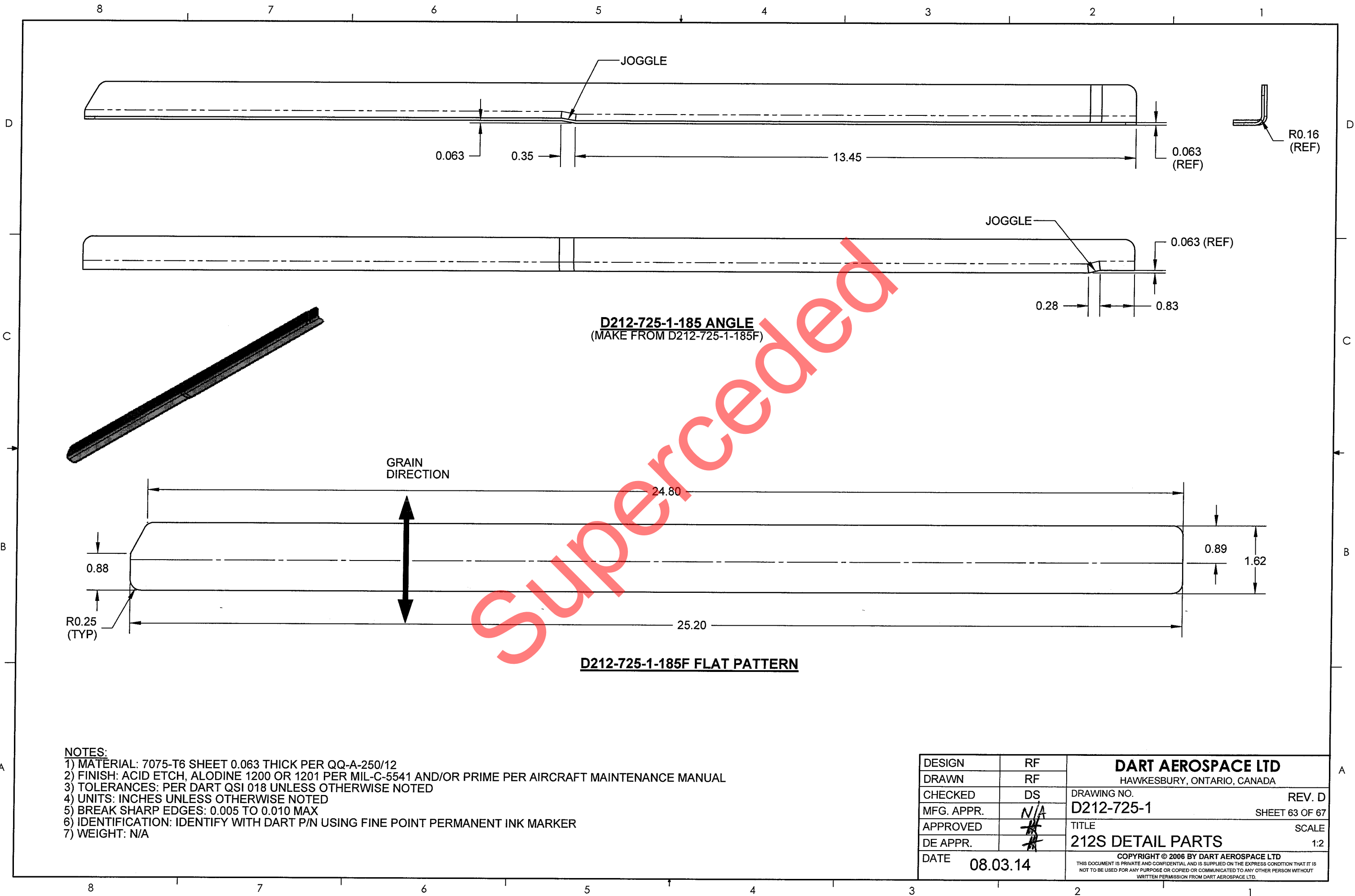


D212-725-1-183 ANGLE
D212-725-1-184 OPPOSITE
(MAKE FROM D212-725-1-183F)

D212-725-1-183F FLAT PATTERN

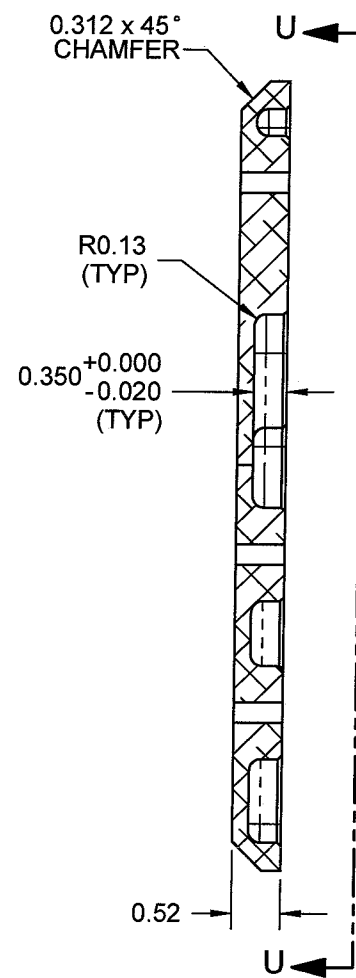
- NOTES:
- 1) MATERIAL: 7075-T6 SHEET 0.063 THICK PER QQ-A-250/12
 - 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME PER AIRCRAFT MAINTENANCE MANUAL
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER
 - 7) WEIGHT: N/A

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	DS	DRAWING NO.	REV. E
MFG. APPR.	N/A	D212-725-1	SHEET 62 OF 82
APPROVED		TITLE	SCALE
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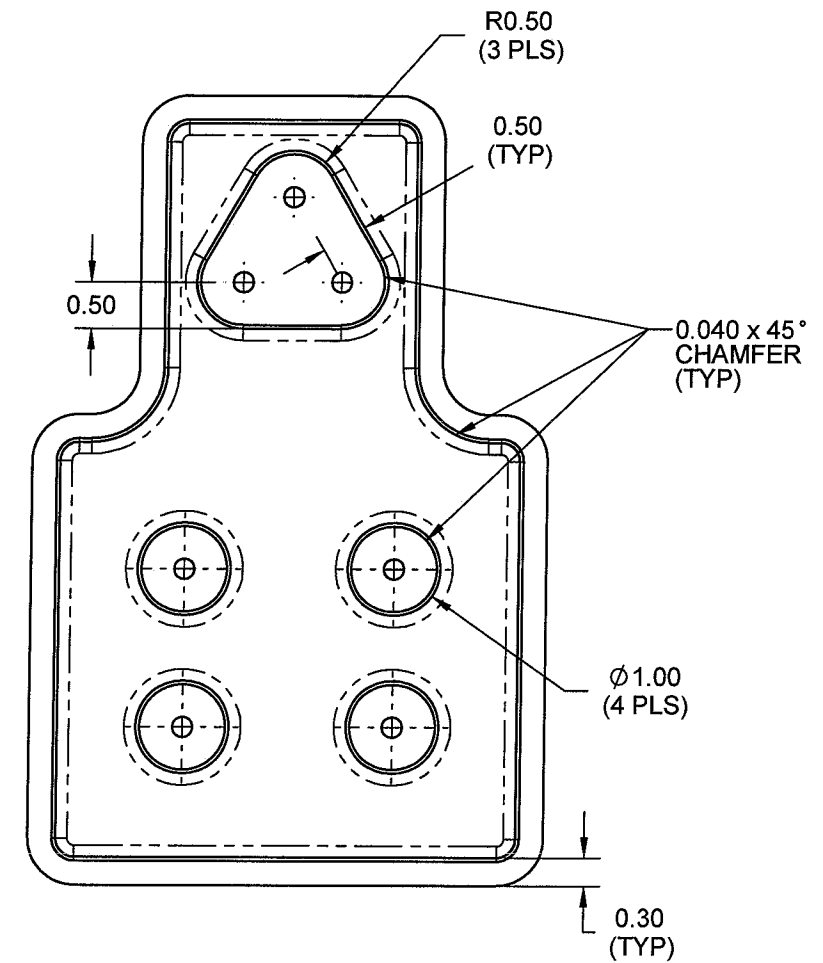
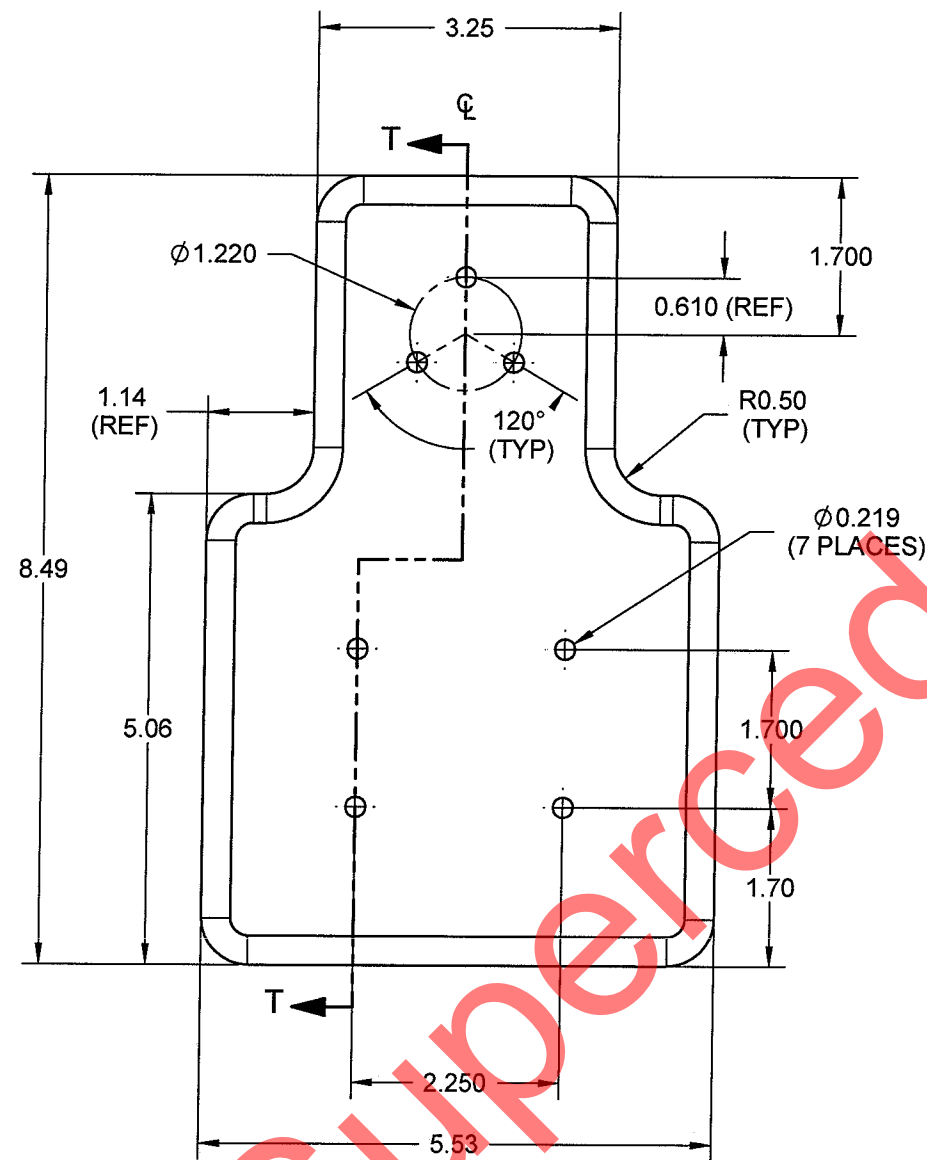


NOTES:
1) MATERIAL: 7075-T6 SHEET 0.063 THICK PER QQ-A-250/12
2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME PER AIRCRAFT MAINTENANCE MANUAL
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER
7) WEIGHT: N/A

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	DS	DRAWING NO.	REV. D
MFG. APPR.	N/A	D212-725-1	SHEET 63 OF 67
APPROVED	RF	TITLE	SCALE
DE APPR.	RF	212S DETAIL PARTS	1:2
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SECTION T-T



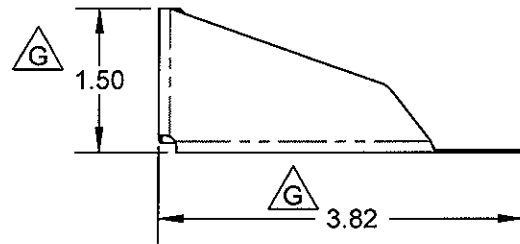
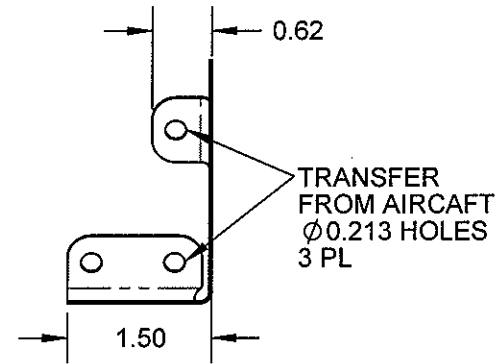
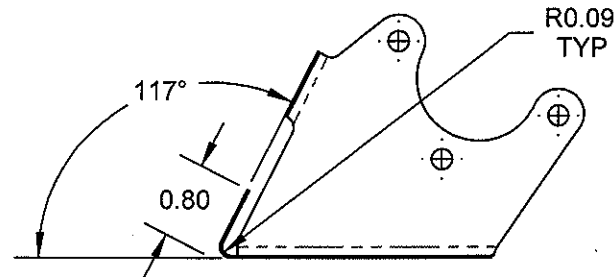
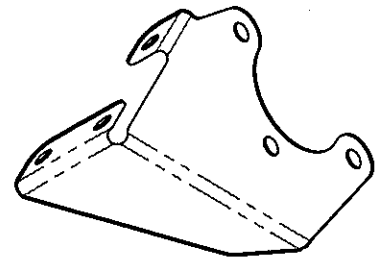
VIEW U-U

D212-725-1-009 IDLE STOP MOUNT

NOTES:

- 1) MATERIAL: 6061-T6 (QQ-A-250/8) OR (QQ-A-200/11) PLATE (REF. DART SPEC. M6061T6B)
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME PER AIRCRAFT MAINTENANCE MANUAL
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: N/A

DESIGN	DC	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	DS	DRAWING NO.	REV. D
MFG. APPR.	N/A	D212-725-1	SHEET 64 OF 67
APPROVED	#	TITLE	SCALE
DE APPR.	#	212S DETAIL PARTS	1:2
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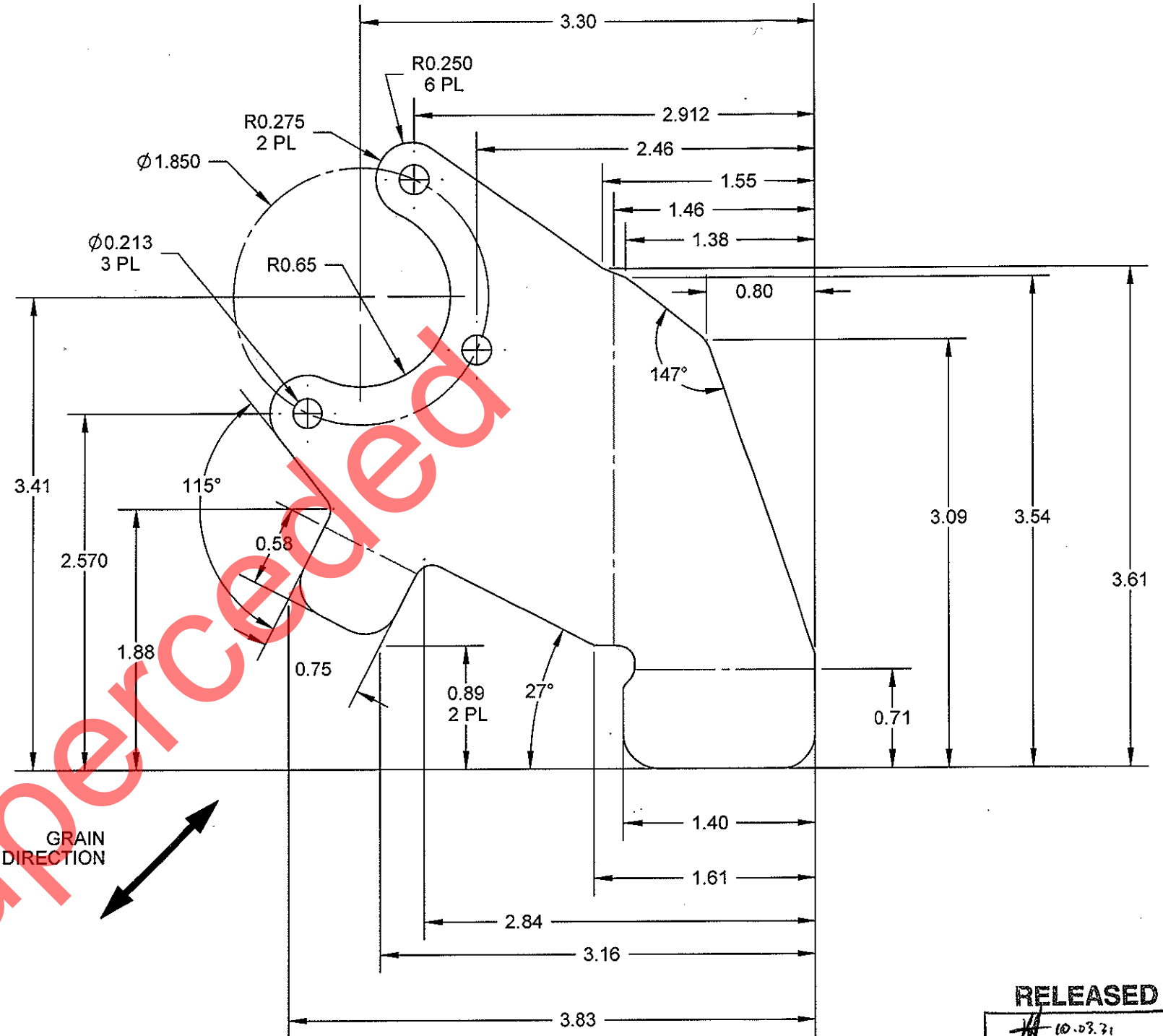


D212-725-1-195 BRACKET
(MAKE FROM D212-725-1-195F)

NOTES:

- 1) MATERIAL: 2024-T3 ALUMINUM SHEET 0.025 THICK
PER QQ-A-250/4 OR AMS-QQ-A-250/-4
OR AMS 4037
OR ASTM B209
REF. DART SPEC. M2024T3S.025
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: N/A

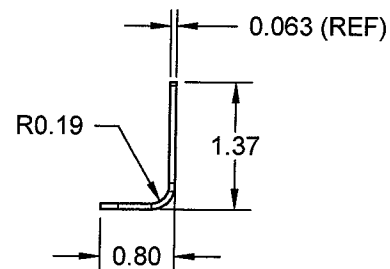
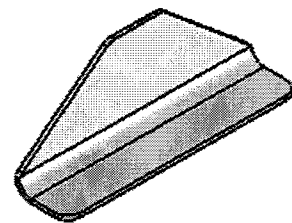
GRAIN
DIRECTION



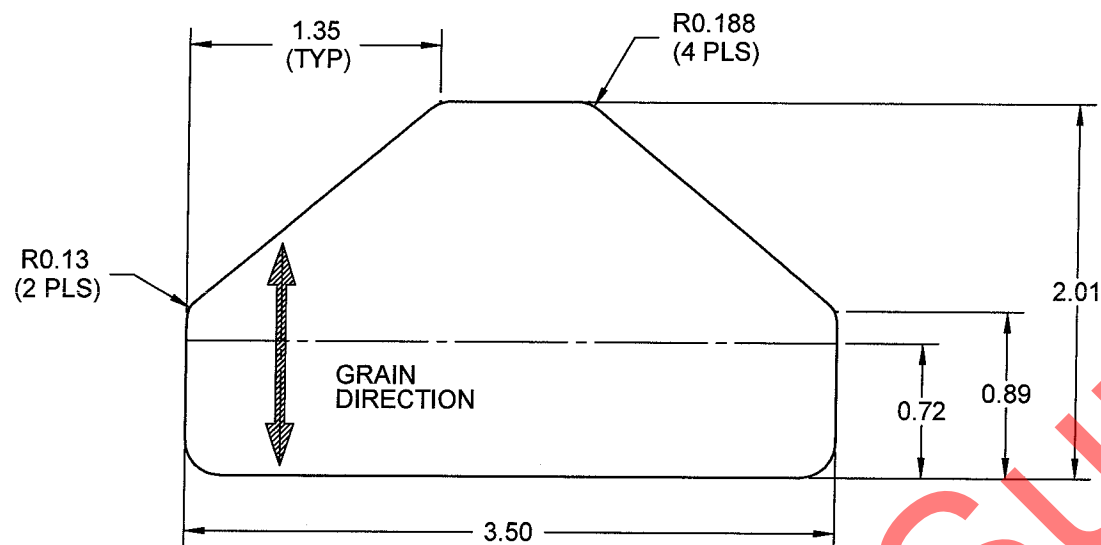
RELEASED

D212-725-1-195F FLAT PATTERN
SCALE 2X

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	<i>[Signature]</i>	DRAWING NO. D212-725-1	REV. G
MFG. APPR.	<i>[Signature]</i>	SHEET 65 OF 84	
APPROVED	<i>[Signature]</i>	TITLE 212S DETAIL PARTS	SCALE NTS
DE APPR.	<i>[Signature]</i>	COPYRIGHT © 2006 BY DART AEROSPACE LTD	
DATE	10.02.12	THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



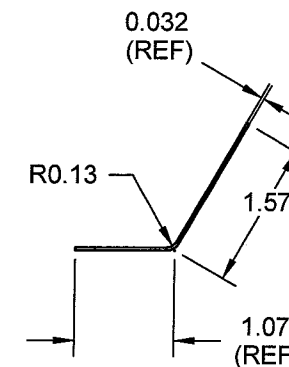
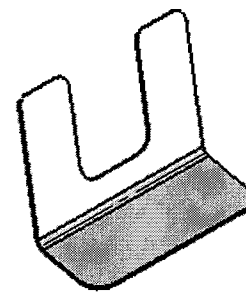
D212-725-1-197 COWL CLIP
(MAKE FROM D212-725-1-197F)



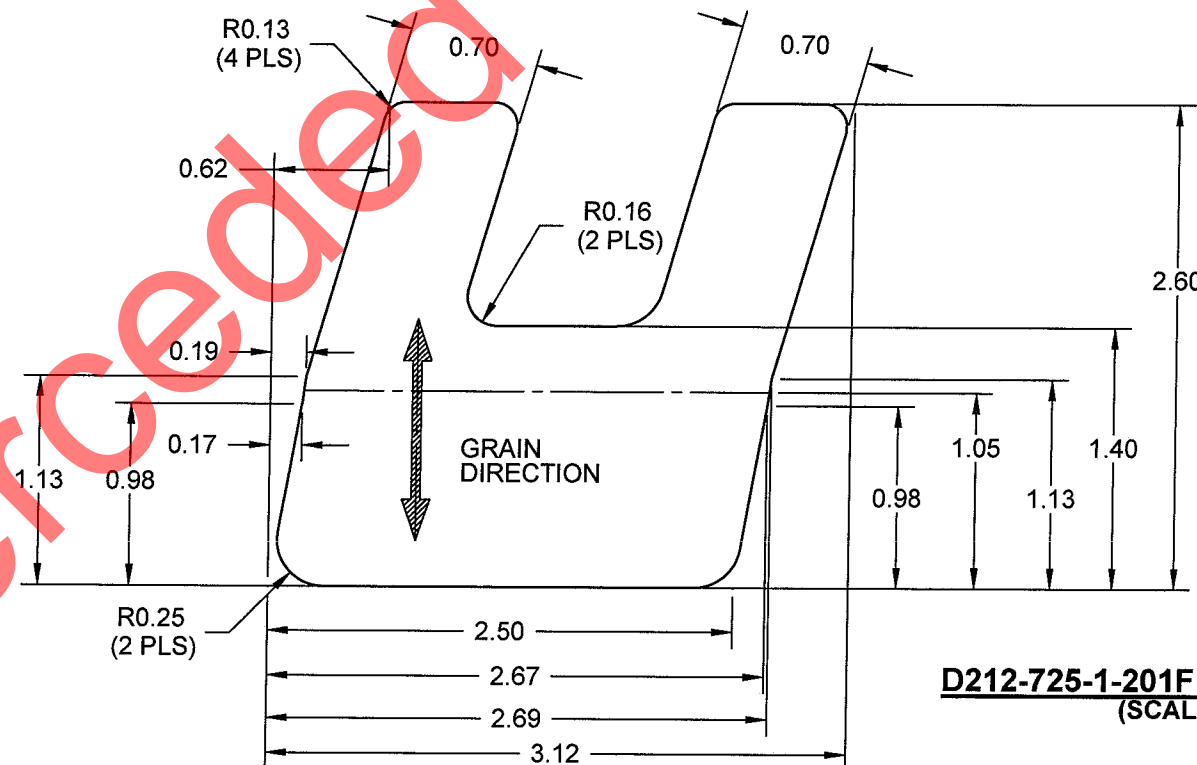
D212-725-1-197F FLAT PATTERN
SCALE 1:1

D212-725-1-197 NOTES:

- 1) MATERIAL: 2024-T3 SHEET 0.063 THICK PER QQ-A-250/4 OR AMS 4037 (REF. DART SPEC. M2024T3S.063)
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME PER AIRCRAFT MAINTENANCE MANUAL
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: N/A



D212-725-1-201 DOUBLER
D212-725-1-202 OPPOSITE
(MAKE FROM D212-725-1-201F)

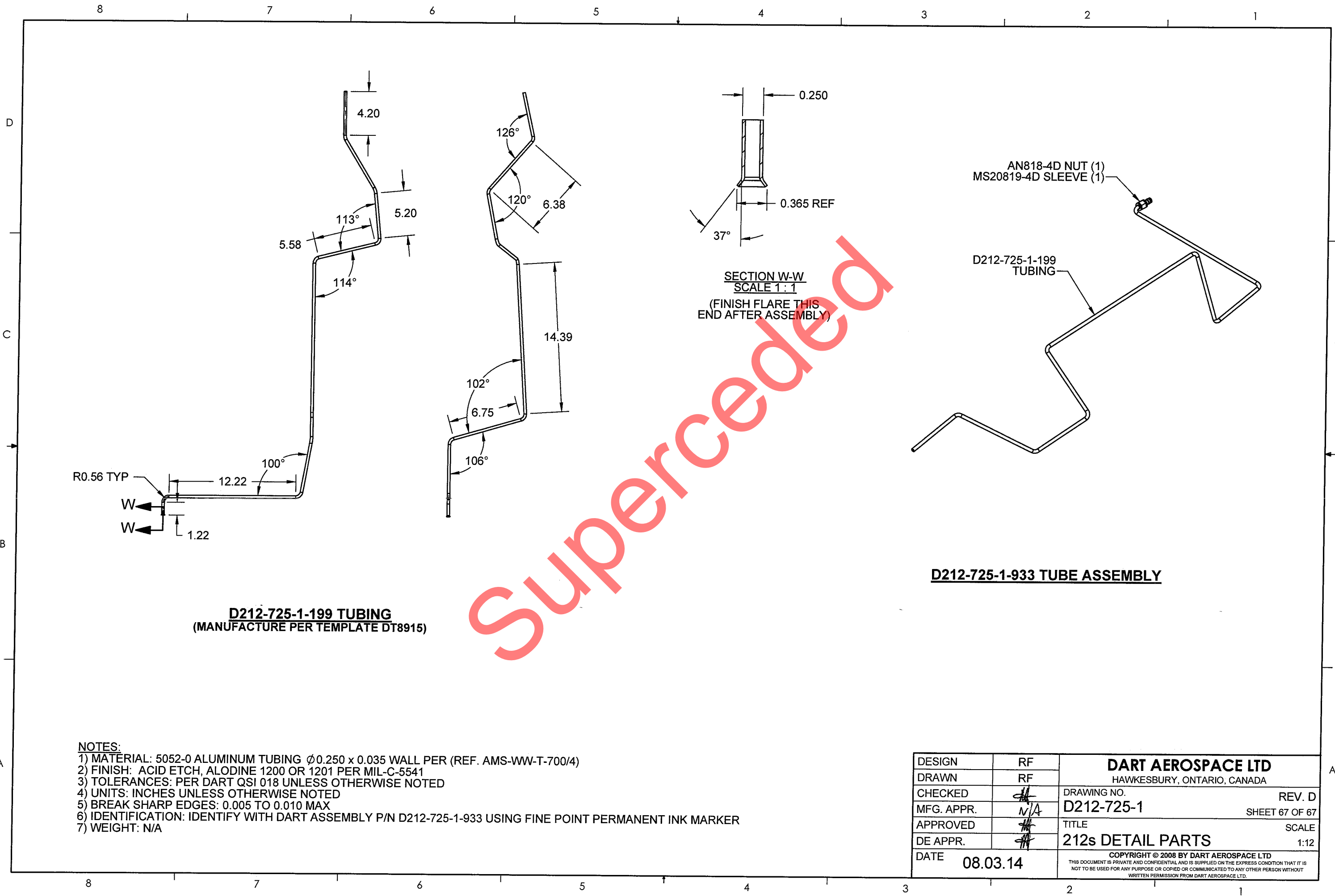


D212-725-1-201F FLAT PATTERN
(SCALE 1:1)

D212-725-1-201/-202 NOTES:

- 1) MATERIAL: 2024-T3 SHEET 0.032 THICK PER QQ-A-250/4 OR AMS 4037 (REF. DART SPEC. M2024T3S.032)
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME PER AIRCRAFT MAINTENANCE MANUAL
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: N/A

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	DS	DRAWING NO.	REV. D
MFG. APPR.	N/A	D212-725-1	SHEET 66 OF 67
APPROVED	#	TITLE	SCALE
DE APPR.	#	212S DETAIL PARTS	1:2
DATE	08.03.14	COPYRIGHT © 2006 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

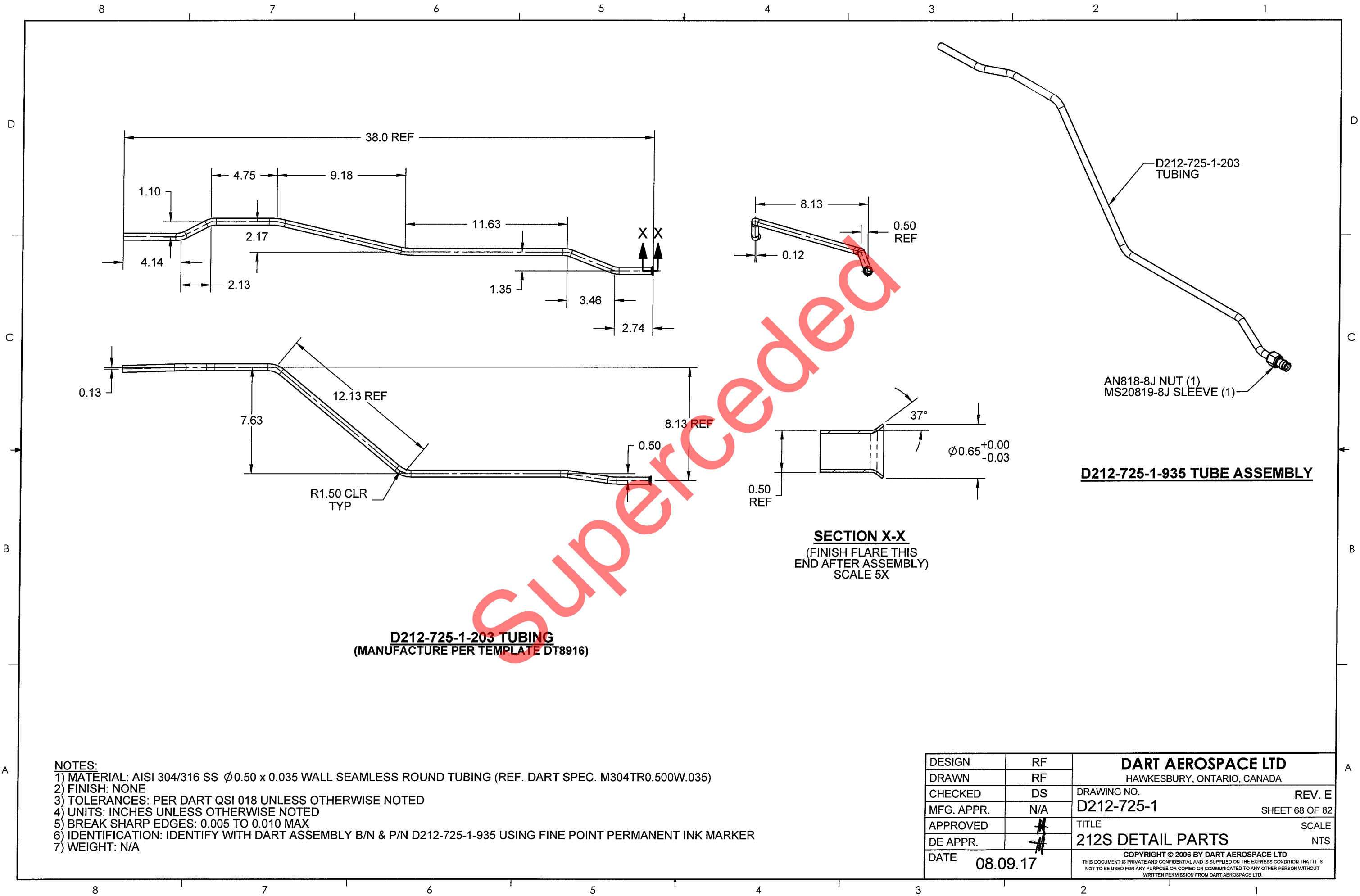


D212-725-1-199 TUBING
(MANUFACTURE PER TEMPLATE DT8915)

D212-725-1-933 TUBE ASSEMBLY

- NOTES:**
- 1) MATERIAL: 5052-0 ALUMINUM TUBING $\varnothing 0.250 \times 0.035$ WALL PER (REF. AMS-WW-T-700/4)
 - 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY WITH DART ASSEMBLY P/N D212-725-1-933 USING FINE POINT PERMANENT INK MARKER
 - 7) WEIGHT: N/A

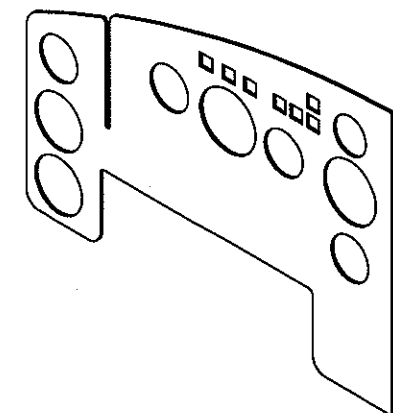
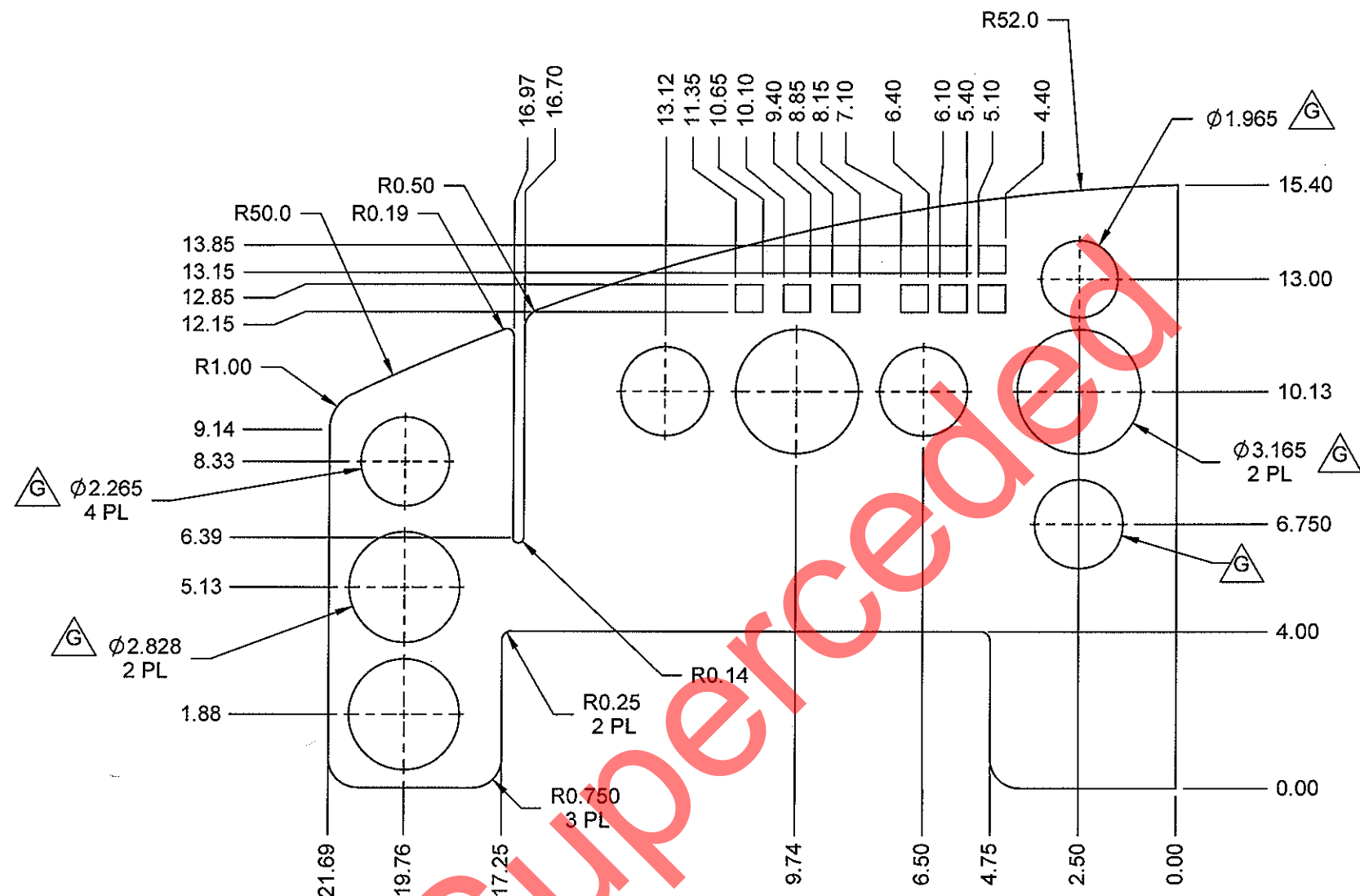
DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. D
MFG. APPR.	N/A	D212-725-1	SHEET 67 OF 67
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	212s DETAIL PARTS	1:12
DATE	08.03.14	COPYRIGHT © 2008 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



NOTES:

- 1) MATERIAL: AISI 304/316 SS $\phi 0.50 \times 0.035$ WALL SEAMLESS ROUND TUBING (REF. DART SPEC. M304TR0.500W.035)
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART ASSEMBLY B/N & P/N D212-725-1-935 USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: N/A

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	DS	DRAWING NO.	REV. E
MFG. APPR.	N/A	D212-725-1	SHEET 68 OF 82
APPROVED	##	TITLE	SCALE
DE APPR.	##	212S DETAIL PARTS	NTS
DATE	08.09.17	COPYRIGHT © 2006 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



NOTES:

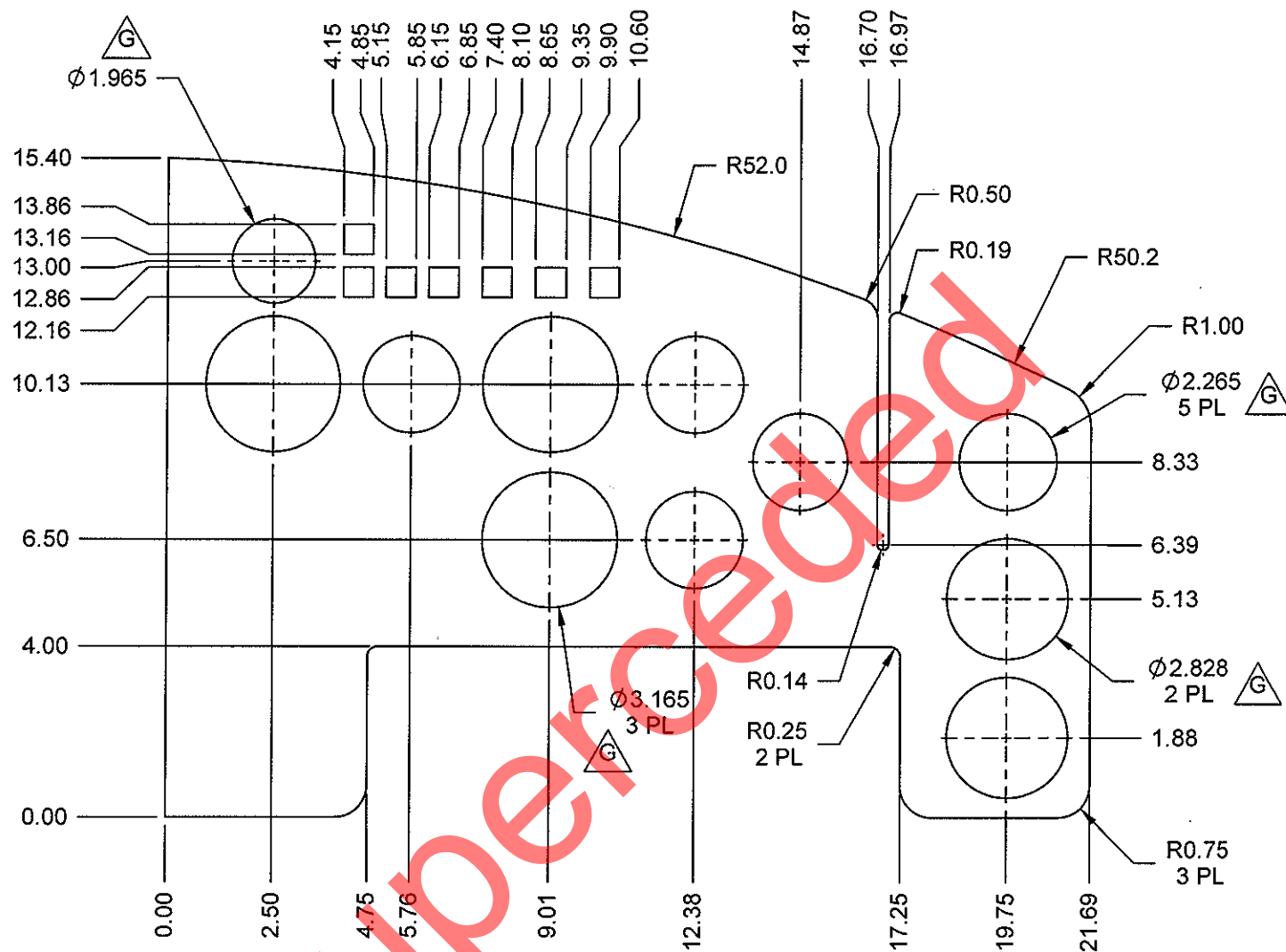
- 1) MATERIAL: 6061-T6/T62 ALUMINUM SHEET
PER QQ-A-250/11 OR AMS-QQ-A-250/11
OR AMS 4025 OR AMS 4027 OR ASTM B209
REF DART SPEC. M6061T6S.125
OR 2024-T3 ALUMINUM SHEET
PER QQ-A-250/4 OR AMS-QQ-A-250/4
OR AMS 4037 OR ASTM B209
REF DART SPEC. M2024T3S.125
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
PAINT FLAT BLACK USING BASF GLASURIT 22 LINE CODE SFA39.50
PER DART QSI 005 4.2
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: 2.30 lbs

**D212-725-1-205 LEFT FRONT PANEL
GENERATION 2 PANEL**

RELEASED

10.07.31

DESIGN	RF	DART AEROSPACE LTD	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. G
MFG. APPR.	<i>[Signature]</i>	D212-725-1	SHEET 69 OF 84
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	212S DETAIL PARTS	NTS
DATE	10.02.12	COPYRIGHT © 2009 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



D212-725-1-209 RIGHT FRONT PANEL
GENERATION 2 PANEL

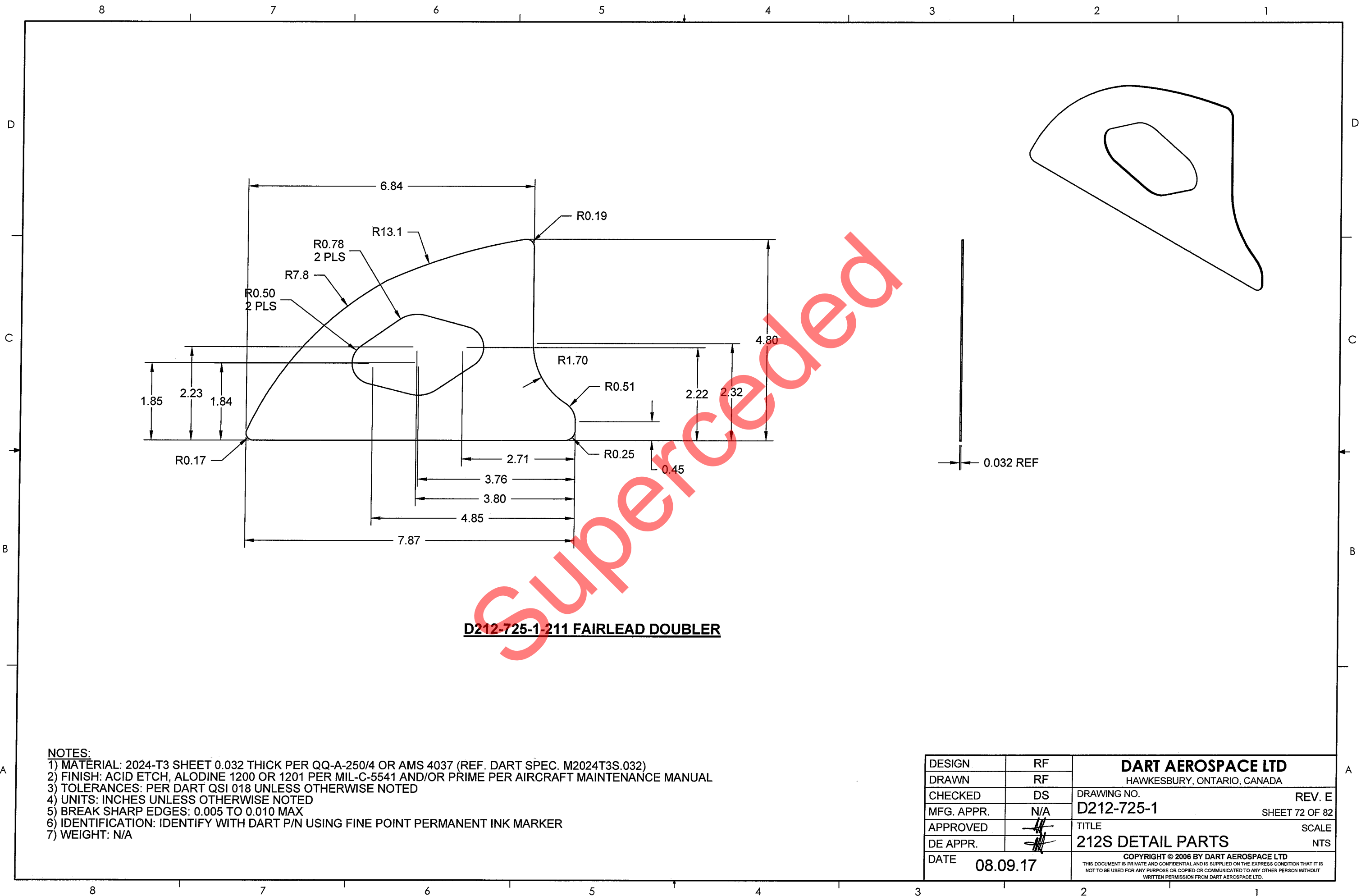
NOTES:

- 1) MATERIAL: 6061-T6/T62 ALUMINUM SHEET
PER QQ-A-250/11 OR AMS-QQ-A-250/11
OR AMS 4025 OR AMS 4027 OR ASTM B209
REF DART SPEC. M6061T6S.125
OR 2024-T3 ALUMINUM SHEET
PER QQ-A-250/4 OR AMS-QQ-A-250/4
OR AMS 4037 OR ASTM B209
REF DART SPEC. M2024T3S.125
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
PAINT FLAT BLACK USING BASF GLASURIT 22 LINE CODE SFA39.50
PER DART QSI 005 4.2
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: 2.15 lbs

RELEASED

10.03.31

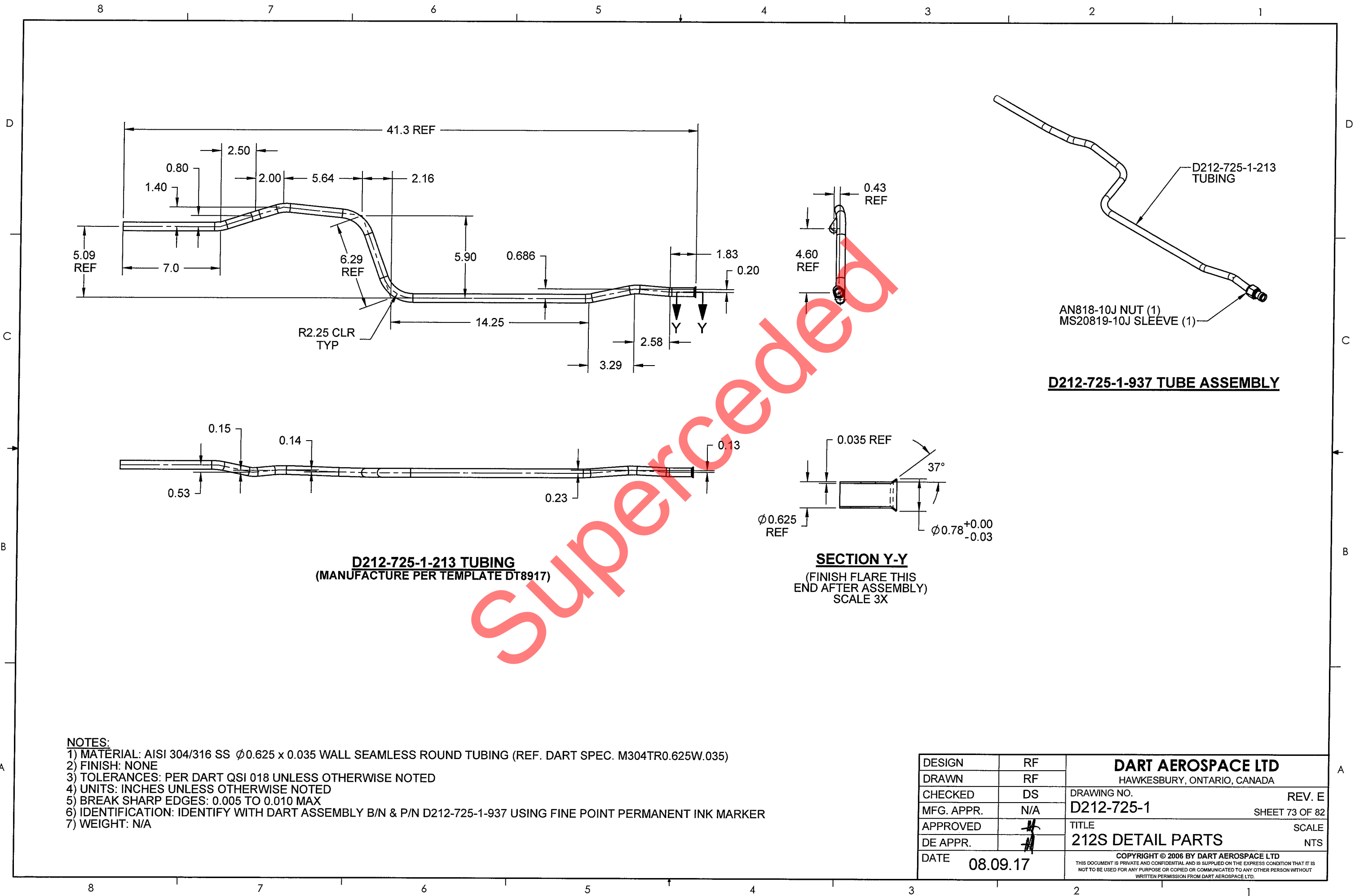
DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	RF	DRAWING NO.	REV. G
MFG. APPR.	RF	D212-725-1	SHEET 71 OF 84
APPROVED	RF	TITLE	SCALE
DE APPR.	RF	212S DETAIL PARTS	NTS
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NOTES:

- 1) MATERIAL: 2024-T3 SHEET 0.032 THICK PER QQ-A-250/4 OR AMS 4037 (REF. DART SPEC. M2024T3S.032)
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME PER AIRCRAFT MAINTENANCE MANUAL
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: N/A

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	DS	DRAWING NO.	REV. E
MFG. APPR.	N/A	D212-725-1	SHEET 72 OF 82
APPROVED	RF	TITLE	SCALE
DE APPR.	RF	212S DETAIL PARTS	NTS
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D212-725-1-213 TUBING
(MANUFACTURE PER TEMPLATE DT8917)

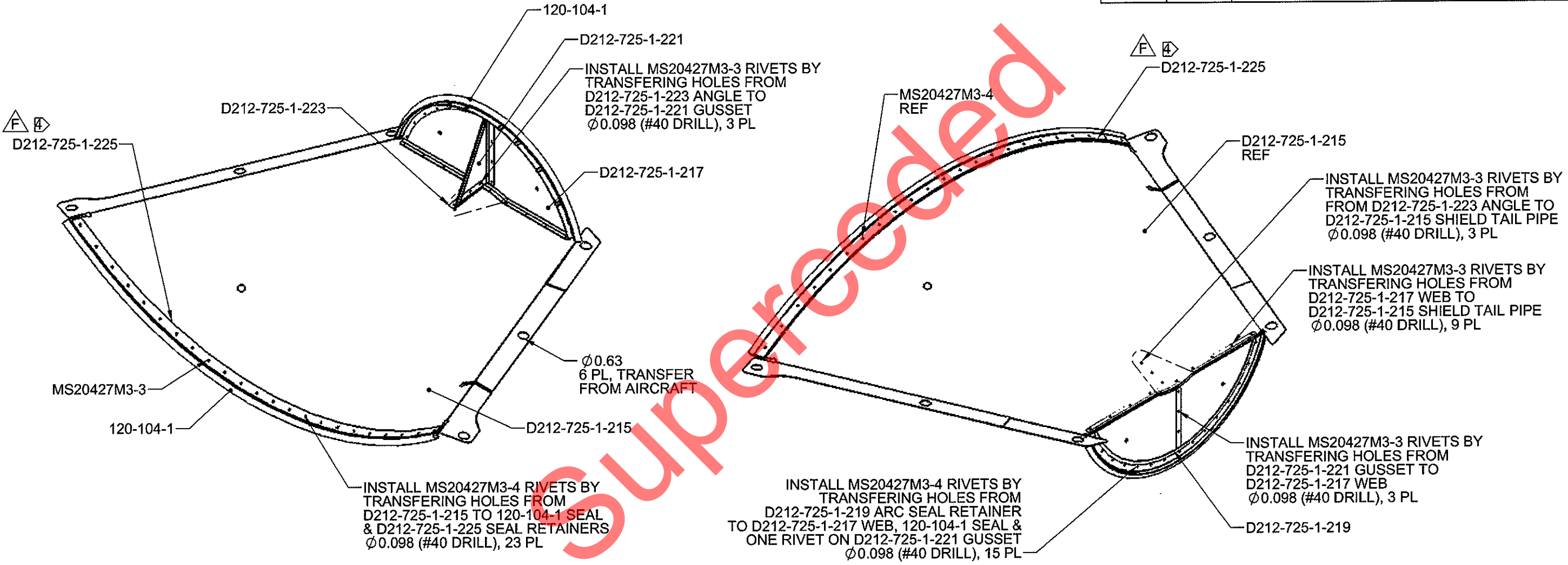
SECTION Y-Y
(FINISH FLARE THIS
END AFTER ASSEMBLY)
SCALE 3X

D212-725-1-937 TUBE ASSEMBLY

- NOTES:
- 1) MATERIAL: AISI 304/316 SS $\phi 0.625 \times 0.035$ WALL SEAMLESS ROUND TUBING (REF. DART SPEC. M304TR0.625W.035)
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY WITH DART ASSEMBLY B/N & P/N D212-725-1-937 USING FINE POINT PERMANENT INK MARKER
 - 7) WEIGHT: N/A

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	DS	DRAWING NO. D212-725-1	REV. E
MFG. APPR.	N/A	SHEET 73 OF 82	
APPROVED		TITLE	SCALE
DE APPR.		212S DETAIL PARTS	NTS
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ITEM	QTY -939	PART NUMBER	DESCRIPTION
1	X	D212-725-1-939	SHIELD TAIL PIPE ASSEMBLY
2	1	D212-725-1-215	SHIELD TAIL PIPE
3	1	D212-725-1-217	WEB
4	1	D212-725-1-219	ARC SEAL RETAINER
5	1	D212-725-1-221	GUSSET
6	1	D212-725-1-223	ANGLE
7	2	D212-725-1-225	SEAL RETAINER
8	A/R	120-104-1	SEAL
9	18	MS20427M3-3	RIVET
10	38	MS20427M3-4	RIVET

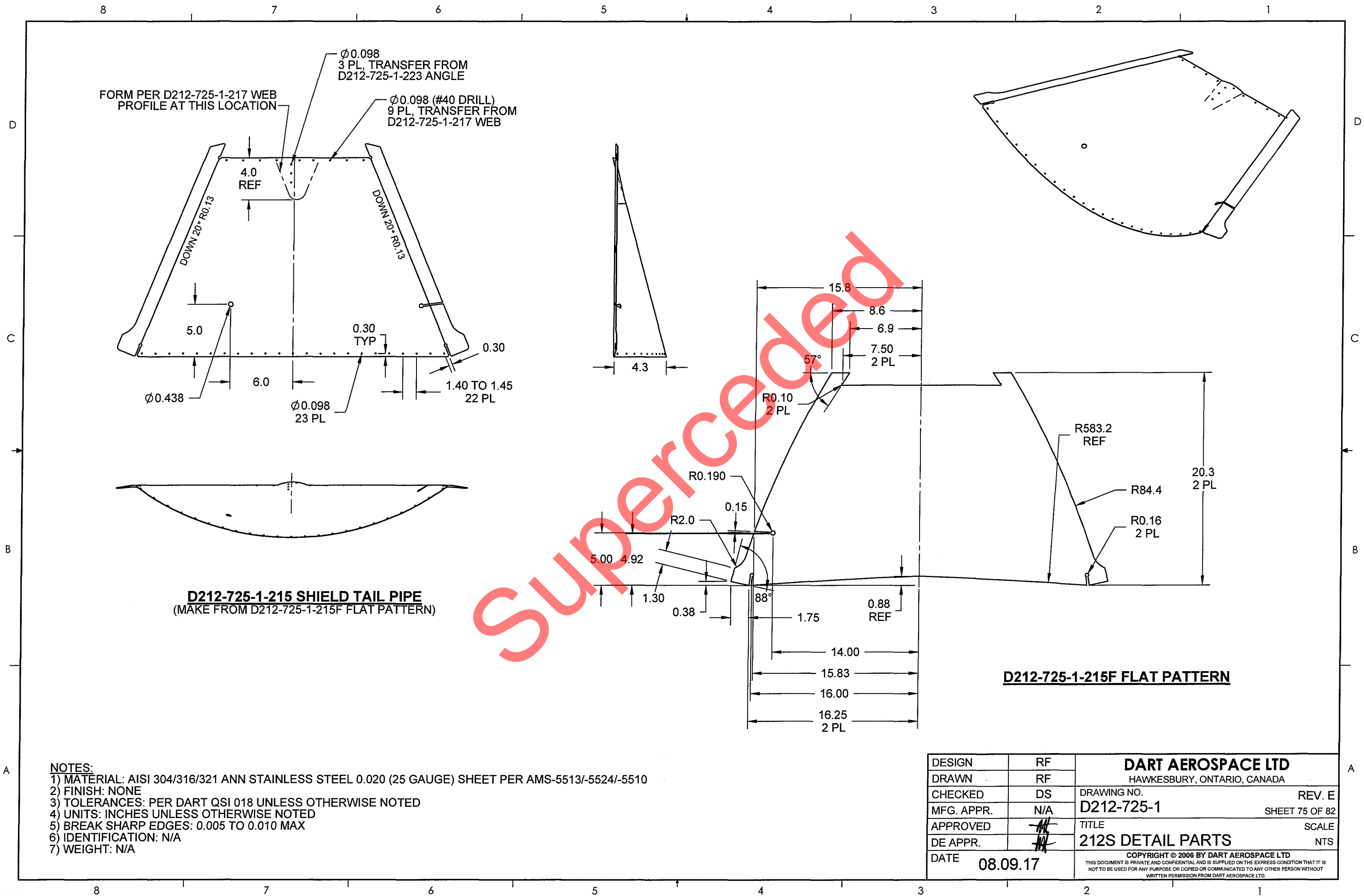


D212-725-1-939 SHIELD TAIL PIPE ASSEMBLY

RELEASED
09/04/07

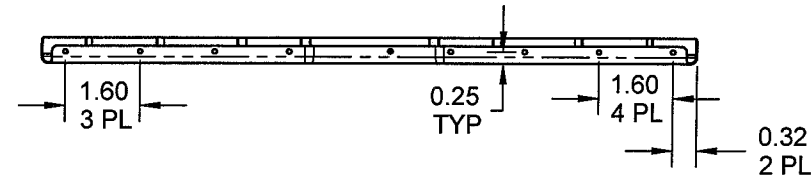
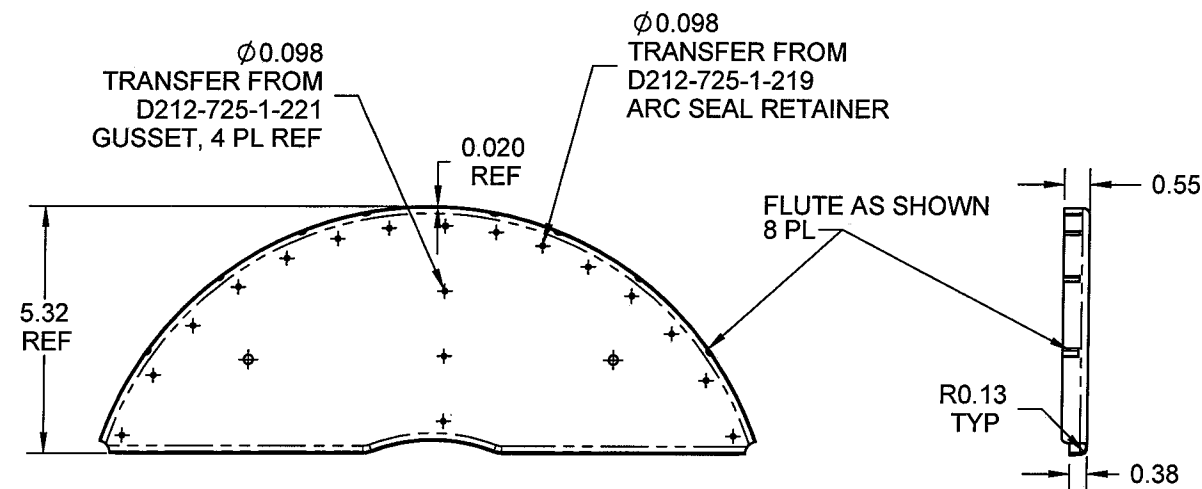
- NOTES:
1) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
2) IDENTIFICATION: IDENTIFY WITH DART ASSEMBLY P/N D212-725-1-939 USING FINE POINT PERMANENT INK MARKER
3) WEIGHT: N/A
4) TRIM TO FIT D212-725-1-215 PROFILE

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	DS	DRAWING NO. D212-725-1	REV. F
MFG. APPR.			SHEET 74 OF 84
APPROVED		TITLE 212S DETAIL PARTS	SCALE NTS
DE APPR.			
DATE	09.02.02	COPYRIGHT © 2006 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

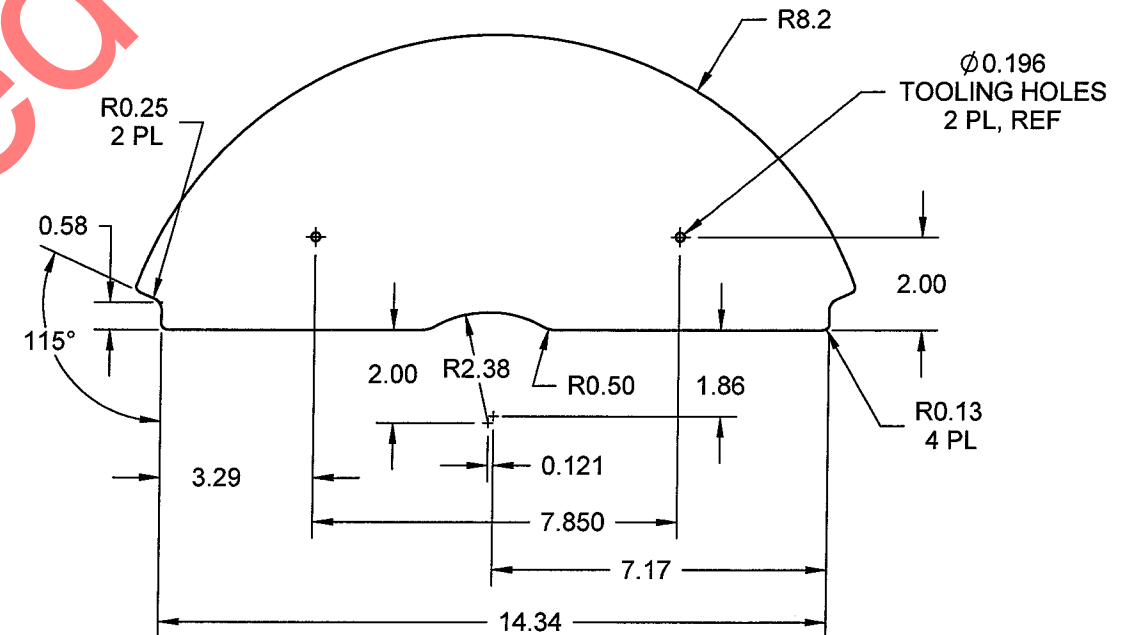


NOTES:
1) MATERIAL: AISI 304/316/321 ANN STAINLESS STEEL 0.020 (25 GAUGE) SHEET PER AMS-5513/-5524/-5510
2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: N/A
7) WEIGHT: N/A

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	DS	DRAWING NO.	REV. E
MFG. APPR.	N/A	D212-725-1	SHEET 75 OF 82
APPROVED	RF	TITLE	SCALE
DE APPR.	RF	212S DETAIL PARTS	NTS
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D212-725-1-217 WEB
(MAKE FROM D212-725-1-217F FLAT PATTERN)

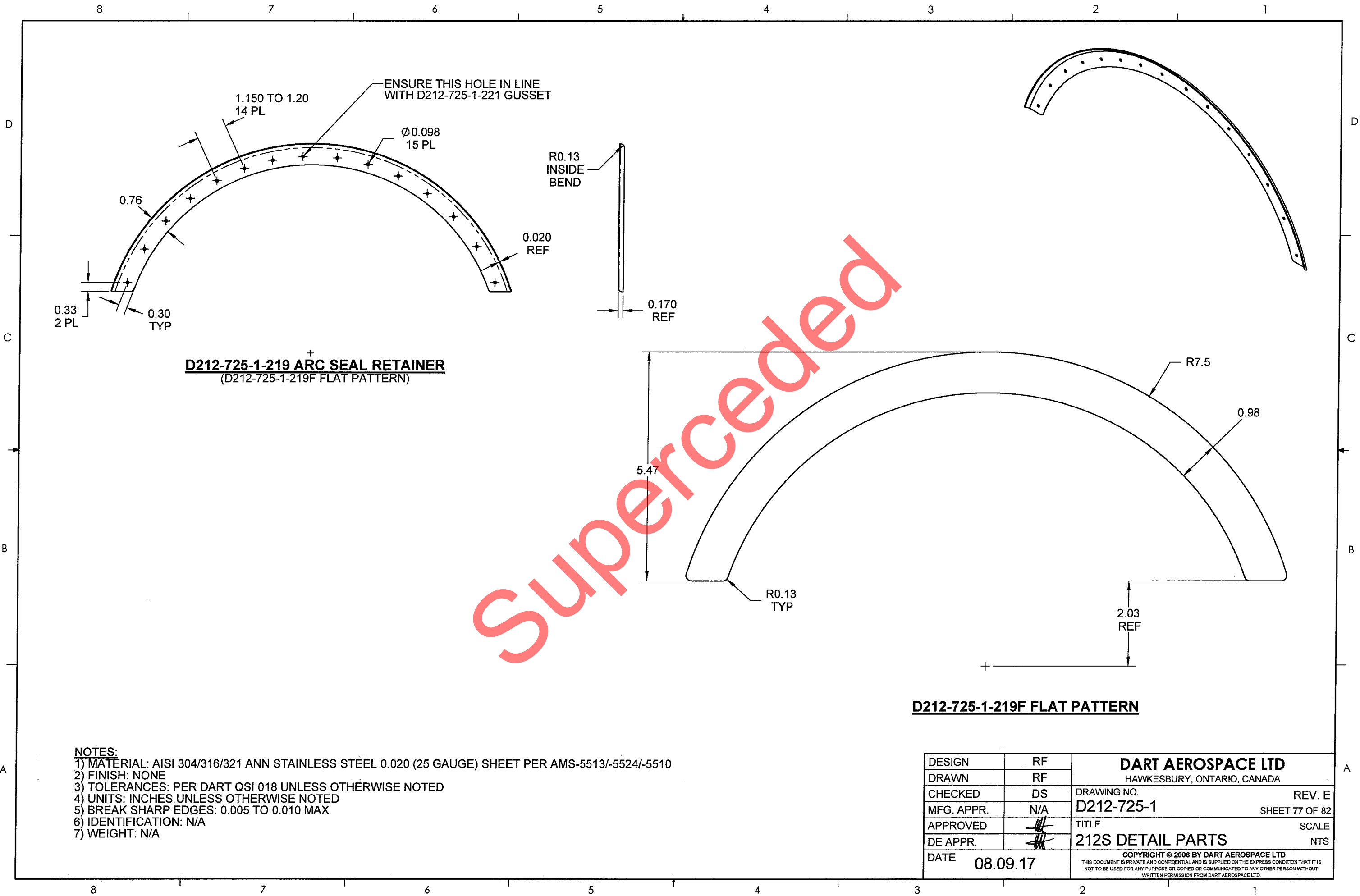


D212-725-1-217F FLAT PATTERN

NOTES:

- 1) MATERIAL: AISI 304/316/321 ANN STAINLESS STEEL 0.020 (25 GAUGE) SHEET PER AMS-5513/-5524/-5510
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: N/A

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	DS	DRAWING NO.	REV. E
MFG. APPR.	N/A	D212-725-1	SHEET 76 OF 82
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	212S DETAIL PARTS	NTS
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8

7

6

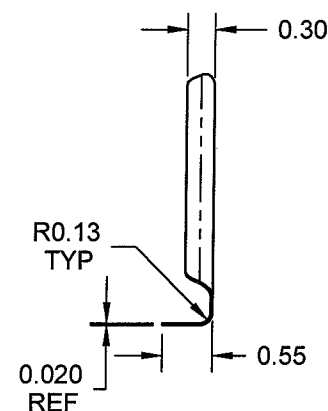
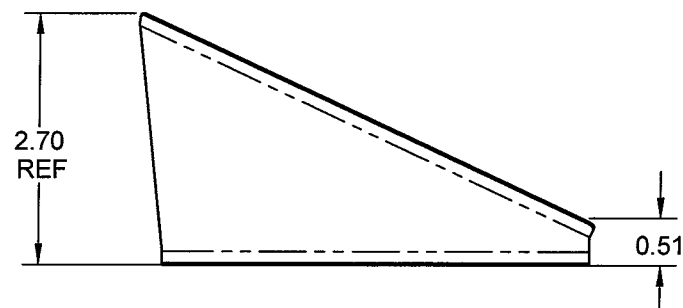
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4

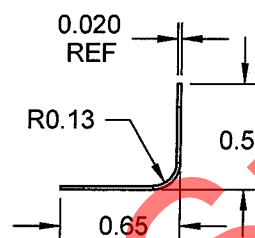
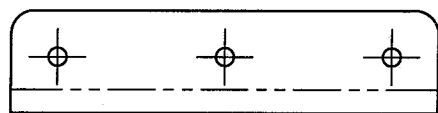
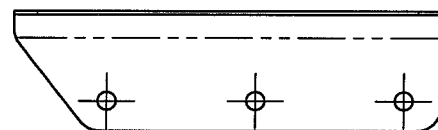
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2

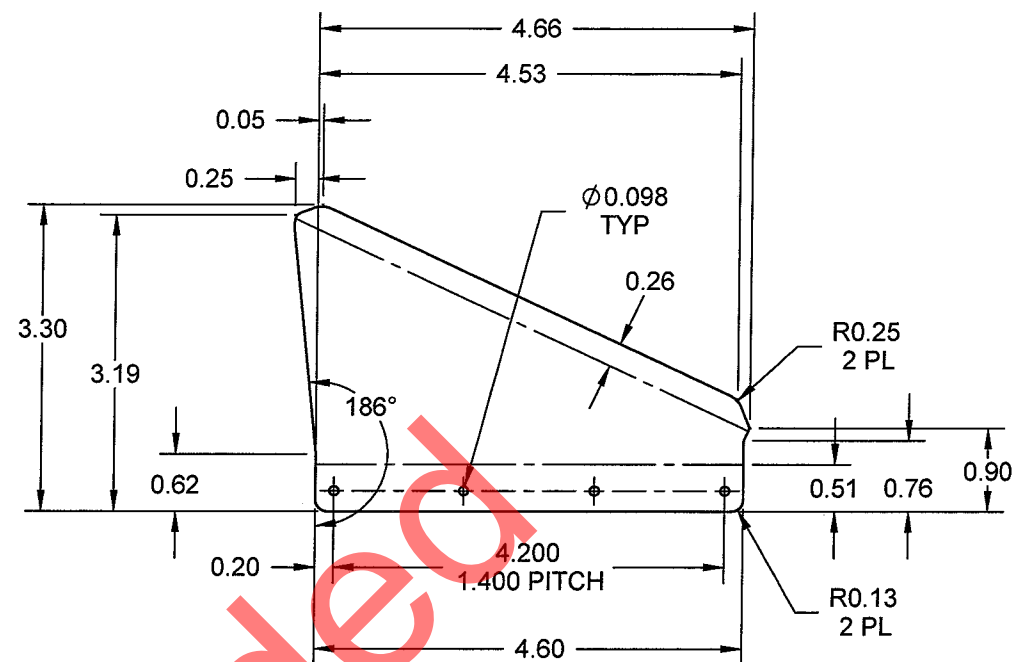
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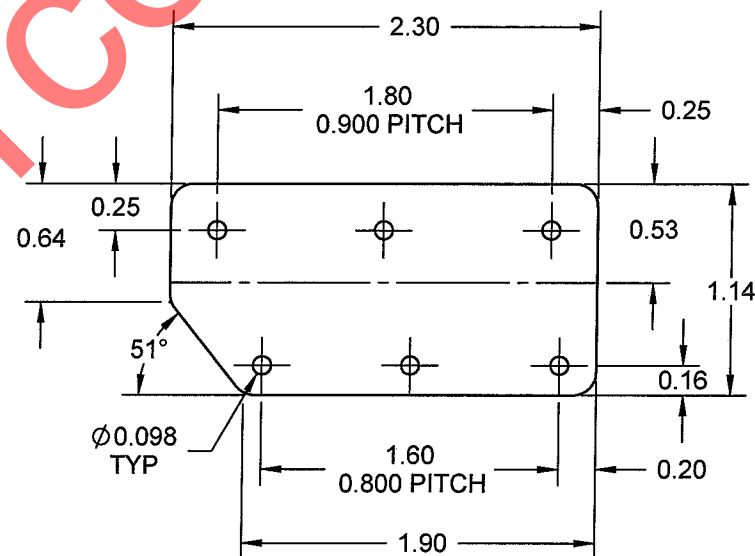
D212-725-1-221 GUSSET
(MAKE FROM D212-725-1-221F FLAT PATTERN)
SCALE 0.5X



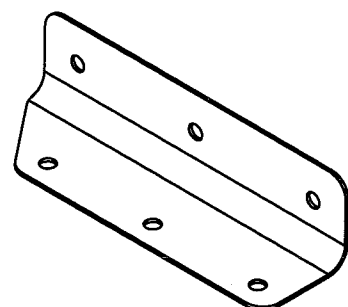
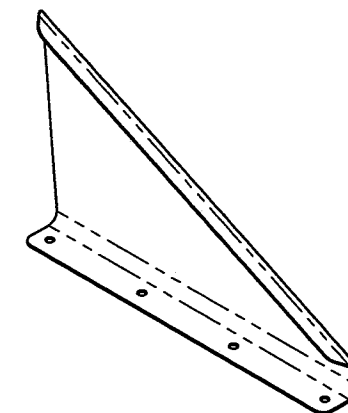
D212-725-1-223 ANGLE
(MAKE FROM D212-725-1-223F FLAT PATTERN)



D212-725-1-221F FLAT PATTERN
(SCALE 0.5X)



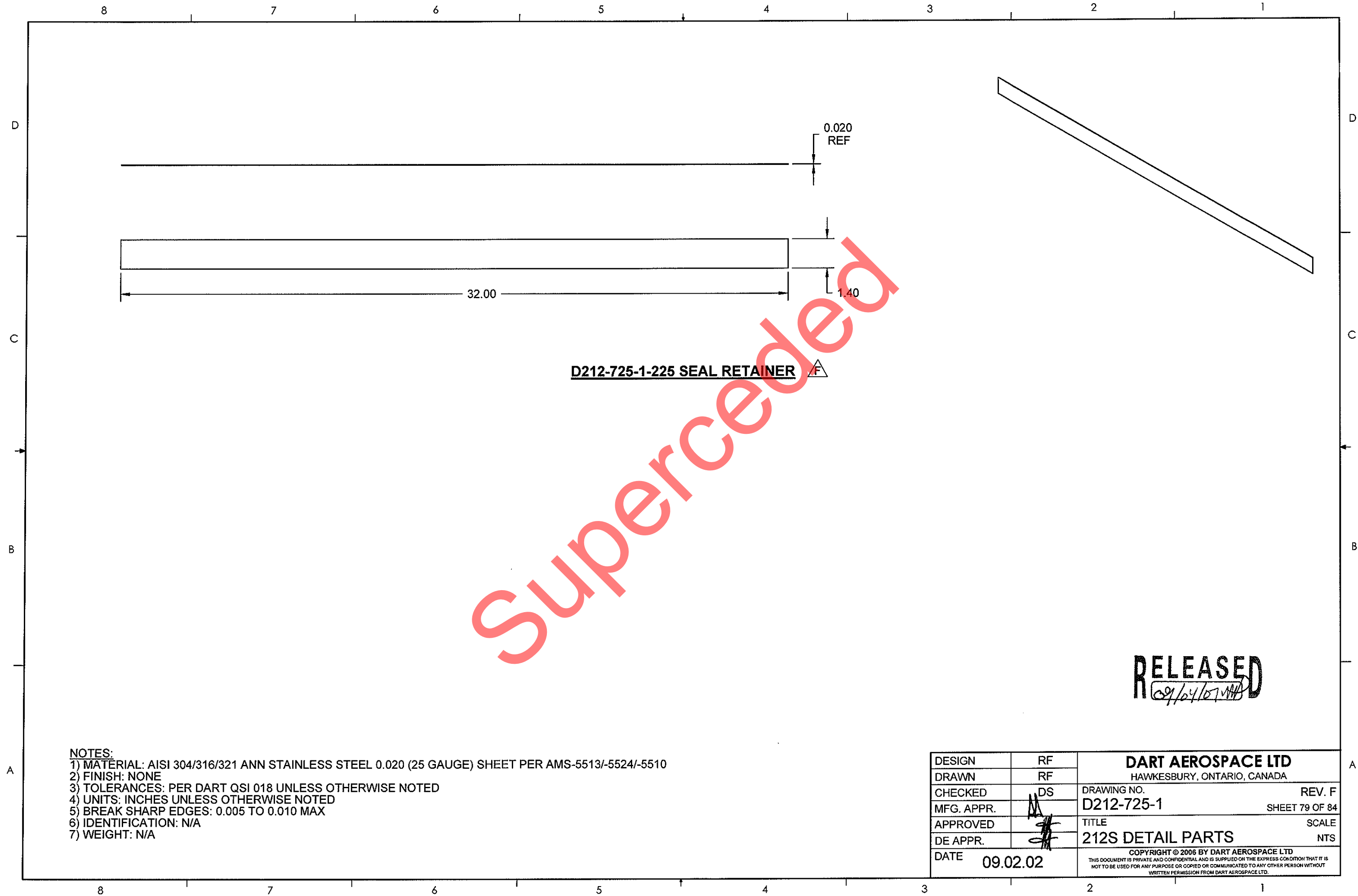
D212-725-1-223F FLAT PATTERN



NOTES:

- 1) MATERIAL: AISI 304/316/321 ANN STAINLESS STEEL 0.020 (25 GAUGE) SHEET PER AMS-5513/-5524/-5510
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: N/A




DESIGN	RF	DART AEROSPACE LTD	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	DS	DRAWING NO.	REV. E
MFG. APPR.	N/A	D212-725-1	SHEET 78 OF 82
APPROVED		TITLE	SCALE
DE APPR.		212S DETAIL PARTS	NTS
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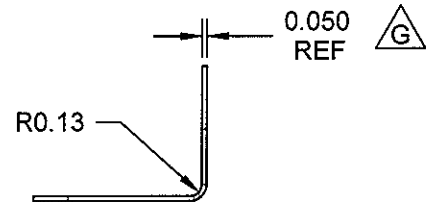
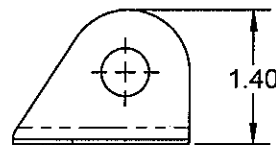
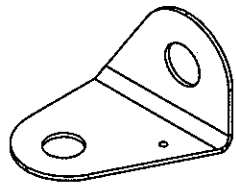
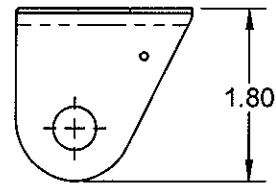


D212-725-1-225 SEAL RETAINER 

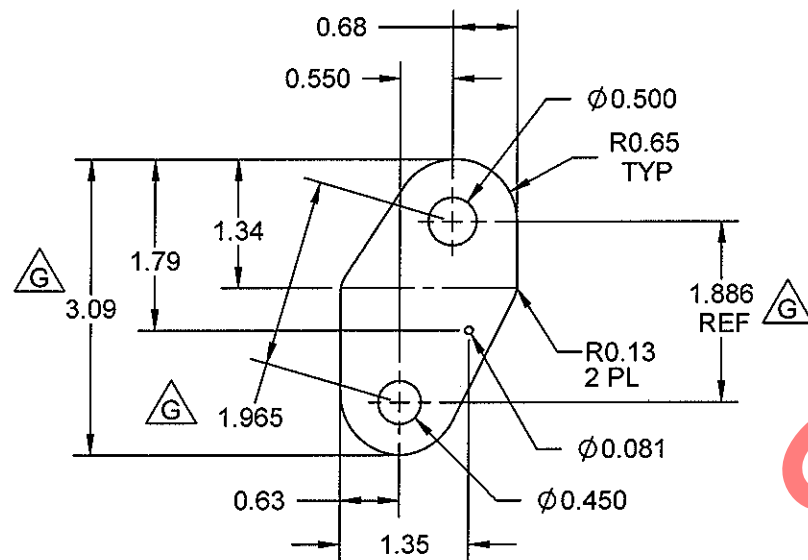
RELEASED
09/04/07 MB

- NOTES:
- 1) MATERIAL: AISI 304/316/321 ANN STAINLESS STEEL 0.020 (25 GAUGE) SHEET PER AMS-5513/-5524/-5510
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: N/A
 - 7) WEIGHT: N/A

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	DS	DRAWING NO. D212-725-1	REV. F
MFG. APPR.		SHEET 79 OF 84	
APPROVED		TITLE 212S DETAIL PARTS	SCALE NTS
DE APPR.			
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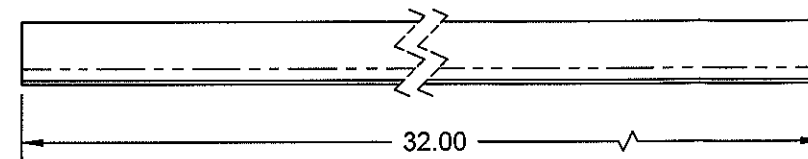


D212-725-1-227 BRACKET
(MAKE FROM D212-725-1-227F FLAT PATTERN)

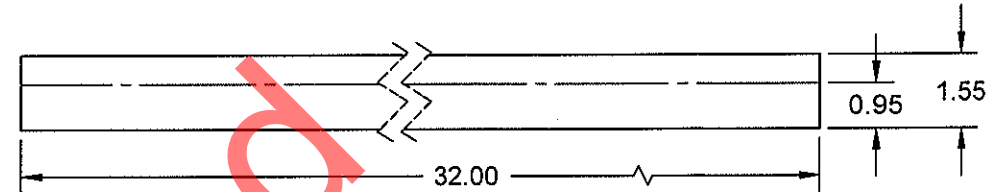
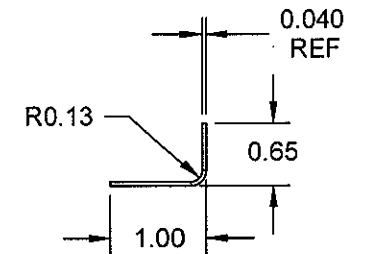


D212-725-1-227F FLAT PATTERN

- D212-725-1-227 NOTES:**
- 1) MATERIAL: AISI 304/316 STAINLESS STEEL ANNEALED 2B FINISH 0.050 (18 GAUGE) SHEET
PER MIL-S-5059
OR AMS 5513 (304)
OR AMS 5524 (316)
OR ASTM A240
OR ASME SA240
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER
 - 7) WEIGHT: 0.02 lbs

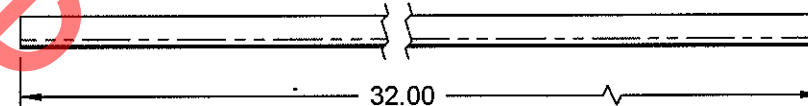


D212-725-1-235 ANGLE
(MAKE FROM D212-725-1-235F FLAT PATTERN)

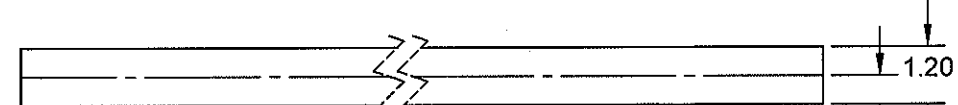
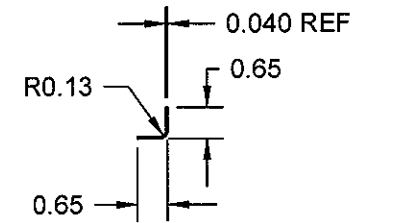


D212-725-1-235F FLAT PATTERN

GRAIN DIRECTION



D212-725-1-237 ANGLE
(MAKE FROM D212-725-1-237F FLAT PATTERN)







D212-725-1-237F FLAT PATTERN

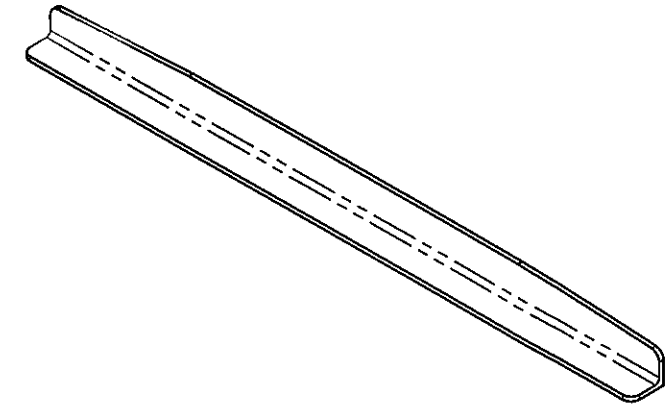
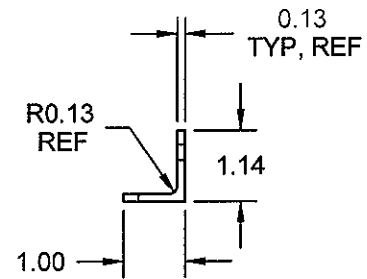
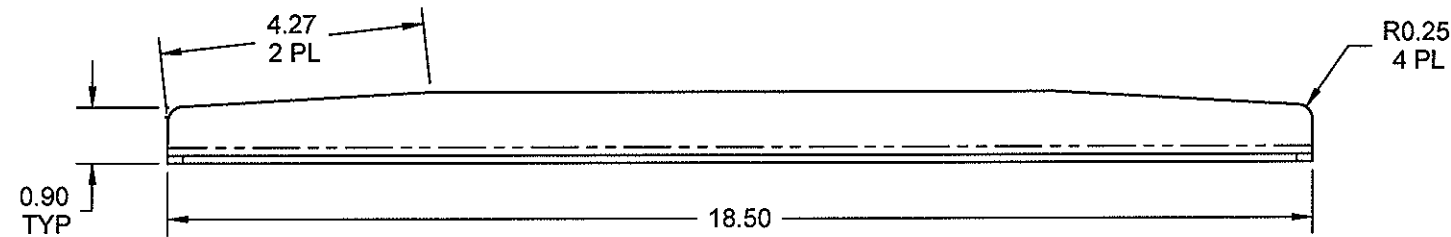
GRAIN DIRECTION

- D212-725-1-235/-237 NOTES:**
- 1) MATERIAL: 2024-T3 (QQ-A-250/4) 0.040 THICK
REF. DART SPEC. M2024T3S.040
 - 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER
 - 7) WEIGHT: N/A

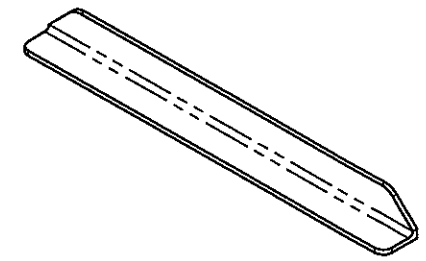
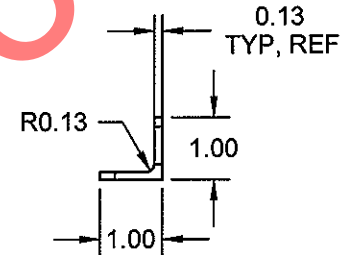
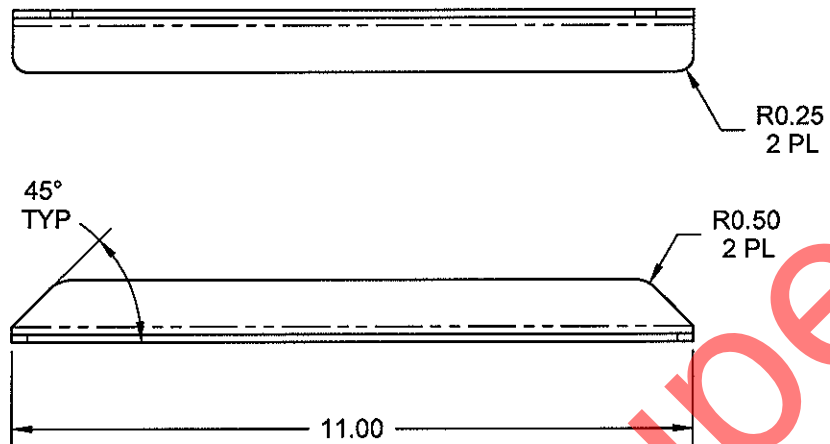
RELEASED

10-0731

DESIGN	RF	DART AEROSPACE LTD	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. G
MFG. APPR.		D212-725-1	SHEET 80 OF 84
APPROVED		TITLE	SCALE
DE APPR.		212S DETAIL PARTS	NTS
DATE	10.02.12	COPYRIGHT © 2006 BY DART AEROSPACE LTD	
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D212-725-1-231 STIFFENER ANGLE



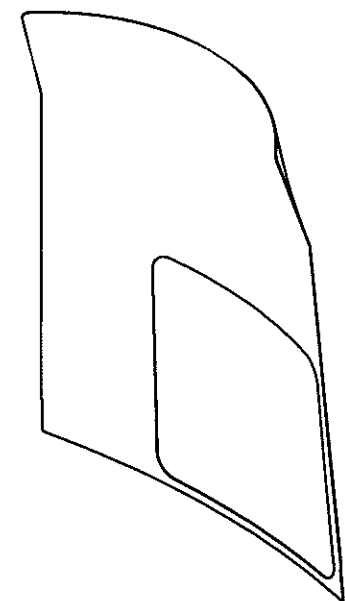
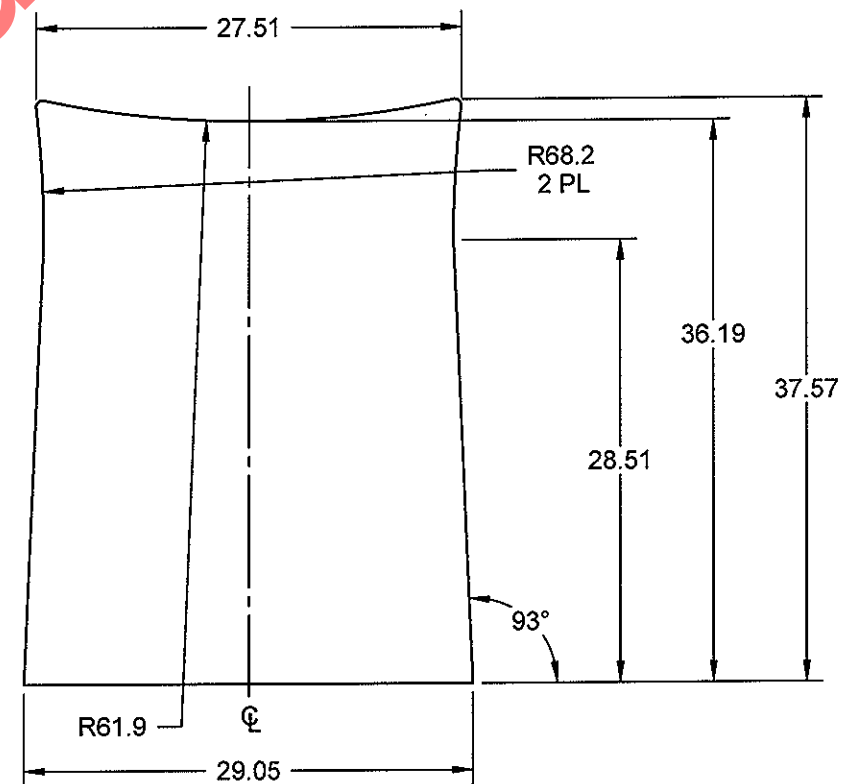
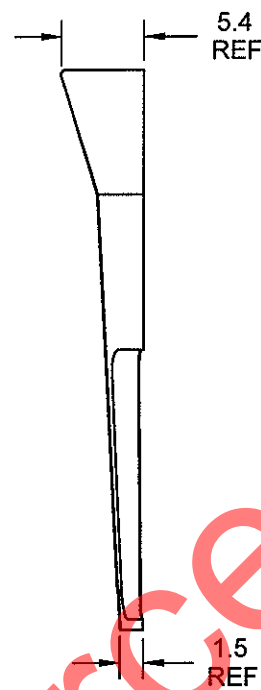
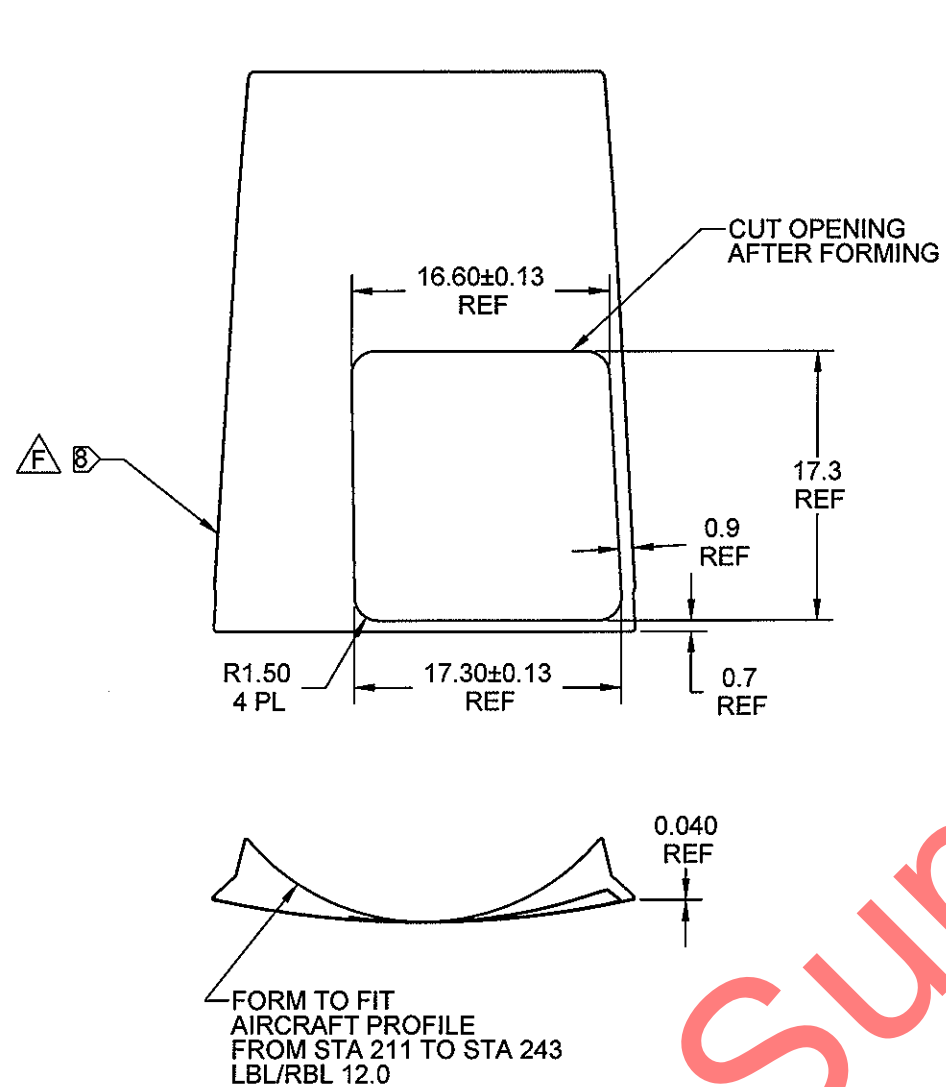
D212-725-1-233 STIFFENER ANGLE

D212-725-1-231/233 NOTES:

- 1) MATERIAL: 2024-T3511 (QQ-A-200/3F) ANGLE EXTRUSION
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME & PAINT PER AIRCRAFT MAINTENANCE MANUAL UPON INSTALLATION
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N D212-725-1-231/-233 USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: N/A

RELEASED
07/04/07

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	DS	DRAWING NO.	REV. F
MFG. APPR.		D212-725-1	SHEET 81 OF 84
APPROVED		TITLE	SCALE
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


D212-725-1-229 SKIN
(MAKE FROM D212-725-1-229F FLAT PATTERN)

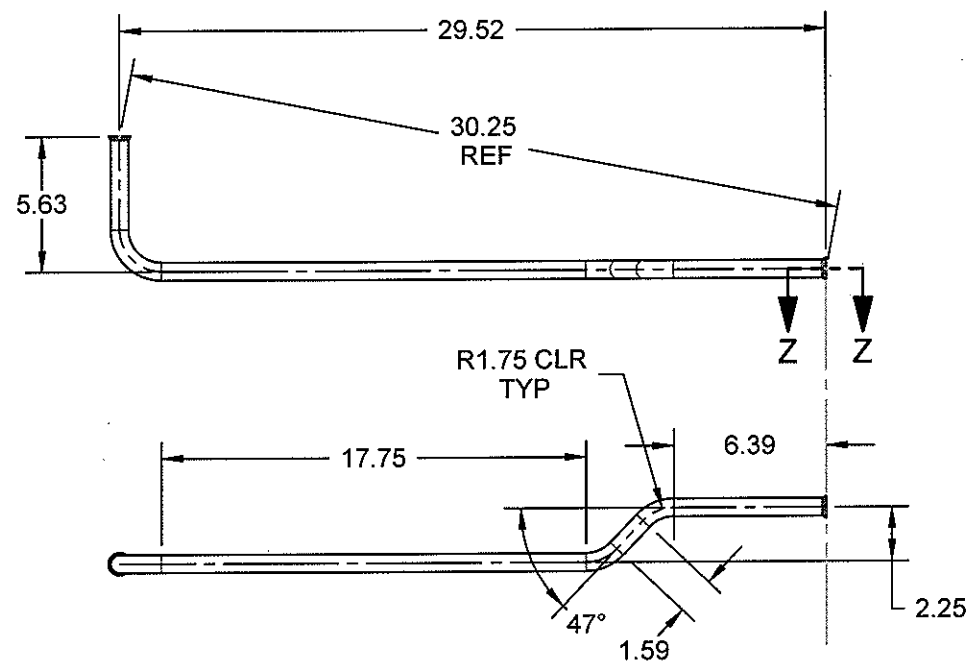
D212-725-1-229F FLAT PATTERN

RELEASED
9/15/07

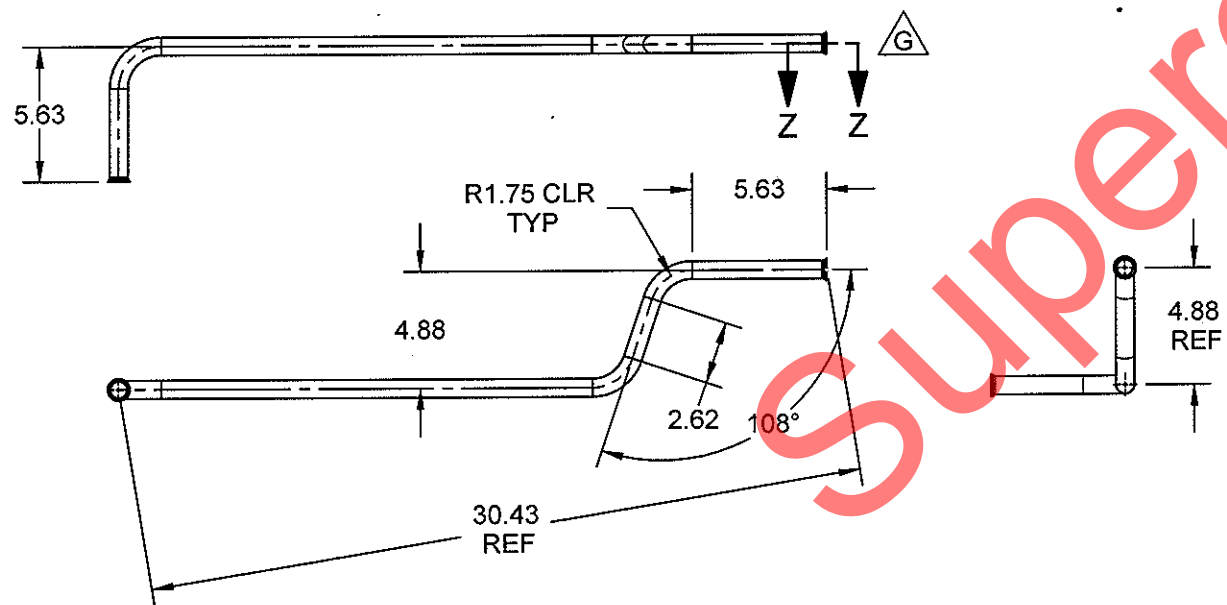
NOTES:

- 1) MATERIAL: 2024-T3 SHEET 0.040 THICK PER QQ-A-250/4 OR AMS 4037 (REF. DART SPEC. M2024T3S.040)
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME PER AIRCRAFT MAINTENANCE MANUAL UPON INSTALLATION
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: N/A
- 8) TRIM TO FIT AIRCRAFT

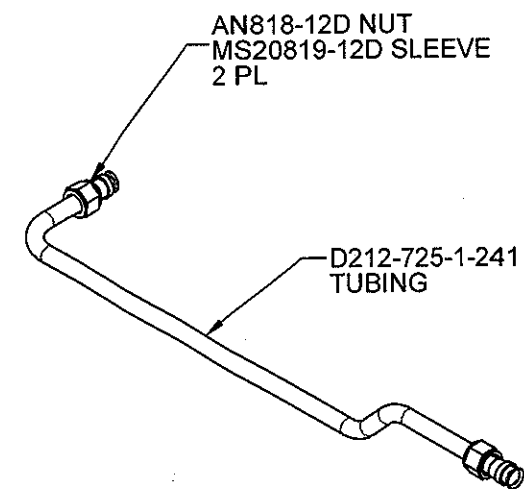
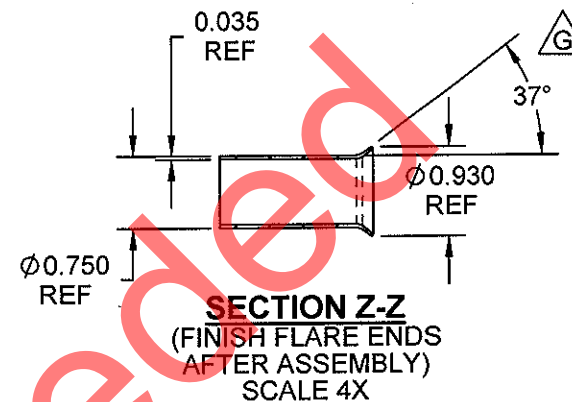
DESIGN	RF	DART AEROSPACE LTD	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	DS	DRAWING NO.	REV. F
MFG. APPR.		D212-725-1	SHEET 82 OF 84
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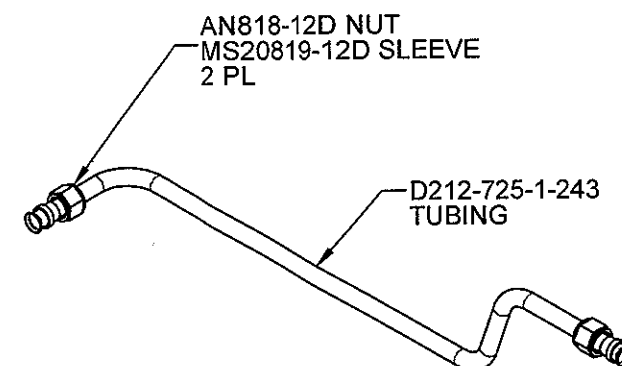
D212-725-1-241 DRAIN TUBING
MANUFACTURE PER TEMPLATE DT8919



D212-725-1-243 DRAIN TUBING
MANUFACTURE PER TEMPLATE DT8920



D212-725-1-941 DRAIN TUBE ASSY



D212-725-1-943 DRAIN TUBE ASSY

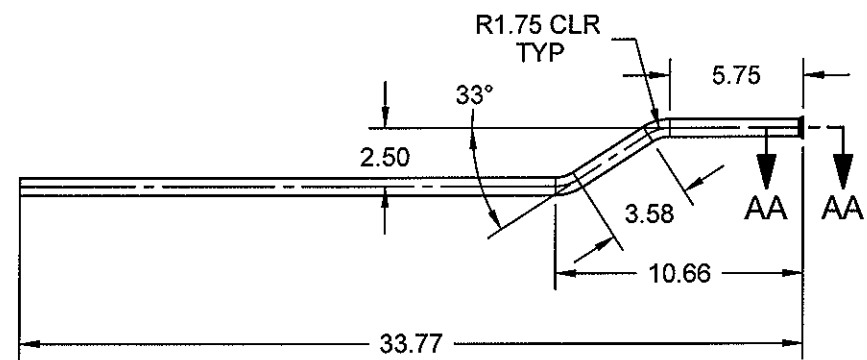
RELEASED

10.03.31

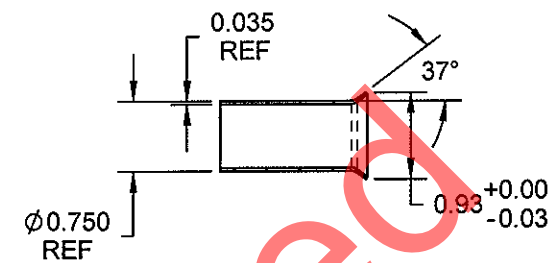
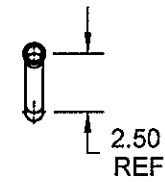
D212-725-1-241/-243 NOTES:

- 1) MATERIAL: 6061-T4 OR -T42 ALUMINUM TUBING $\phi 0.750 \times 0.035$ WALL PER AMS-VWV-T-700/6
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY ASSEMBLY (D212-725-1-941/-943) WITH DART P/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: N/A

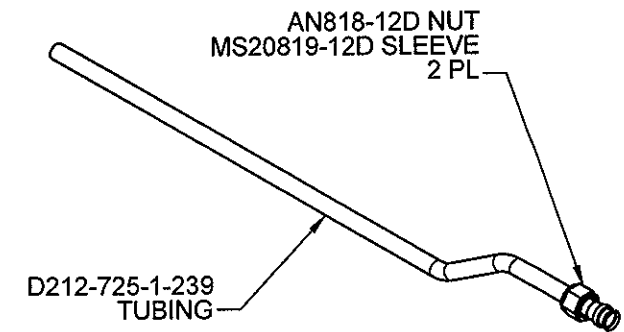
DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	140	DRAWING NO.	REV. G
MFG. APPR.	140	D212-725-1	SHEET 83 OF 84
APPROVED	140	TITLE	SCALE
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D212-725-1-239 DRAIN TUBING
MANUFACTURE PER TEMPLATE DT8918



SECTION AA-AA
(FINISH FLARE THIS END
AFTER ASSEMBLY)
SCALE 4X



D212-725-1-945 DRAIN TUBE ASSY

Supercell

RELEASED
09/07/07

D212-725-1-239/-945 NOTES:

- 1) MATERIAL: 6061-T4 OR T42 ALUMINUM TUBING $\phi 0.750 \times 0.035$ WALL PER (REF AMS-WW-T-700/6)
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 6) IDENTIFY ASSEMBLY (-945) WITH DART P/N USING FINE POINT PERMANENT INK MARKER

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	DS	DRAWING NO.	REV. F
MFG. APPR.		D212-725-1	SHEET 84 OF 84
APPROVED		TITLE	SCALE
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